

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087427.D
 Acq On : 27 May 2016 1:52
 Operator : UM/SJ
 Sample : PB90852BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Manual Integrations
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Quant Time: May 27 03:43:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	100984	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	413949	20.00	ng	-0.02
38) Acenaphthene-d10	12.36	164	192970	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	376079	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	296295	20.00	ng	-0.01
86) Perylene-d12	20.13	264	210478	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	762721	132.72	ng	0.01
7) Phenol-d6	7.06	99	939968	121.04	ng	-0.01
23) Nitrobenzene-d5	8.42	82	651300	79.30	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	230965	124.55	ng	-0.01
44) 2-Fluorobiphenyl	11.31	172	1109640	81.07	ng	-0.02
78) Terphenyl-d14	17.12	244	1068901	76.70	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.90	88	100855	33.26	ng	# 61
3) Pyridine	2.49	79	212778	32.10	ng	# 65
4) n-Nitrosodimethylamine	2.46	42	214926	42.08	ng	# 47
6) Aniline	7.02	93	259061	25.79	ng	93
8) 2-Chlorophenol	7.19	128	287690	40.14	ng	90
9) Benzaldehyde	6.87	77	25509	5.95	ng	95
10) Phenol	7.08	94	364041	42.93	ng	86
11) bis(2-Chloroethyl)ether	7.15	93	279432	40.71	ng	89
12) 1,3-Dichlorobenzene	7.40	146	302242	38.66	ng	# 94
13) 1,4-Dichlorobenzene	7.53	146	311299	38.79	ng	94
14) 1,2-Dichlorobenzene	7.76	146	291316	39.24	ng	97
15) Benzyl Alcohol	7.82	79	242608	42.85	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.01	45	555929	36.00	ng	95
17) 2-Methylphenol	8.02	107	236253	41.13	ng	# 87
18) Hexachloroethane	8.28	117	118698	39.65	ng	# 90
19) n-Nitroso-di-n-propylamine	8.23	70	237437	41.00	ng	# 73
20) 3+4-Methylphenols	8.28	107	298497	42.99	ng	# 59
22) Acetophenone	8.19	105	422792	42.75	ng	# 98
24) Nitrobenzene	8.44	77	339564	39.17	ng	95
25) Isophorone	8.84	82	584887	39.71	ng	98
26) 2-Nitrophenol	8.96	139	147636	41.66	ng	# 73
27) 2,4-Dimethylphenol	9.11	122	261084	42.44	ng	88
28) bis(2-Chloroethoxy)methane	9.23	93	347721	41.91	ng	99
29) 2,4-Dichlorophenol	9.38	162	236188	42.60	ng	99
30) 1,2,4-Trichlorobenzene	9.46	180	252545	39.79	ng	98
31) Naphthalene	9.56	128	835865	40.30	ng	99
32) Benzoic acid	9.43	122	121223	39.45	ng	# 76
33) 4-Chloroaniline	9.74	127	109406	14.32	ng	# 92
34) Hexachlorobutadiene	9.78	225	145650	37.75	ng	98
35) Caprolactam	10.33	113	73960m	45.70	ng	
36) 4-Chloro-3-methylphenol	10.59	107	275627	43.97	ng	96
37) 2-Methylnaphthalene	10.70	142	542860	41.89	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	234328	37.94	ng	97
40) Hexachlorocyclopentadiene	10.95	237	170058	68.45	ng	94

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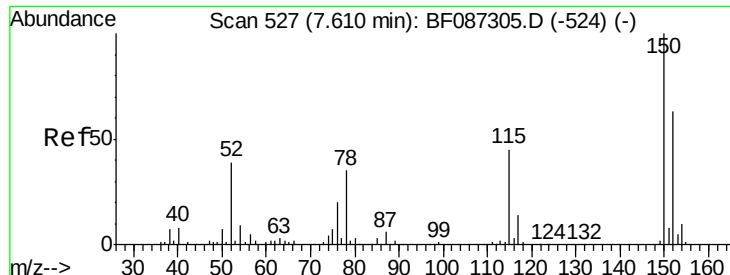
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	137269	38.50	nq	95
43) 2,4,5-Trichlorophenol	11.29	196	142070	39.13	nq	# 90
45) 1,1'-Biphenyl	11.46	154	668928	41.17	nq	97
46) 2-Chloronaphthalene	11.48	162	502518	40.43	nq	97
47) 2-Nitroaniline	11.70	65	203878	45.53	nq	# 80
48) Acenaphthylene	12.14	152	808543	41.09	nq	99
49) Dimethylphthalate	12.02	163	625986	40.50	nq	99
50) 2,6-Dinitrotoluene	12.11	165	132481	42.53	nq	# 78
51) Acenaphthene	12.42	154	499088	41.26	nq	98
52) 3-Nitroaniline	12.39	138	70732	22.13	nq	94
53) 2,4-Dinitrophenol	12.58	184	122882	77.32	nq	# 83
54) Dibenzofuran	12.71	168	739106	45.13	nq	96
55) 4-Nitrophenol	12.78	139	115846	75.97	nq	# 33
56) 2,4-Dinitrotoluene	12.78	165	186693	44.85	nq	# 91
57) Fluorene	13.26	166	597768	42.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	127902	45.79	nq	98
59) Diethylphthalate	13.16	149	616823	41.04	nq	100
60) 4-Chlorophenyl-phenylether	13.29	204	274510	39.64	nq	91
61) 4-Nitroaniline	13.38	138	130752	43.82	nq	# 61
62) Azobenzene	13.54	77	726804	46.62	nq	85
64) 4,6-Dinitro-2-methylphenol	13.44	198	96738	40.45	nq	# 60
65) n-Nitrosodiphenylamine	13.51	169	510974	42.01	nq	100
66) 4-Bromophenyl-phenylether	14.07	248	162621	39.53	nq	94
67) Hexachlorobenzene	14.14	284	170320	39.58	nq	# 61
68) Atrazine	14.42	200	154507	39.85	nq	92
69) Pentachlorophenol	14.51	266	83299	63.66	nq	98
70) Phenanthrene	14.81	178	881927	42.34	nq	99
71) Anthracene	14.89	178	901675	42.85	nq	99
72) Carbazole	15.18	167	791085	44.08	nq	98
73) Di-n-butylphthalate	15.76	149	943474	40.65	nq	# 98
74) Fluoranthene	16.57	202	894400	42.82	nq	92
76) Benzidine	16.80	184	206076	27.03	nq	95
77) Pyrene	16.87	202	891192	41.79	nq	100
79) Butylbenzylphthalate	17.78	149	378623	40.03	nq	# 75
80) Benzo(a)anthracene	18.45	228	708552	42.04	nq	98
81) 3,3'-Dichlorobenzidine	18.43	252	117286	12.60	nq	98
82) Chrysene	18.49	228	683633	40.87	nq	100
83) Bis(2-ethylhexyl)phthalate	18.53	149	477371	34.59	nq	# 96
84) Di-n-octyl phthalate	19.29	149	703066	33.40	nq	# 87
85) Indeno(1,2,3-cd)pyrene	21.35	276	535228	39.92	nq	94
87) Benzo(b)fluoranthene	19.73	252	556033	41.47	nq	# 94
88) Benzo(k)fluoranthene	19.75	252	542248m	46.99	nq	
89) Benzo(a)pyrene	20.07	252	509992	43.98	nq	# 97
90) Dibenzo(a,h)anthracene	21.36	278	445527	45.05	nq	# 93
91) Benzo(g,h,i)perylene	21.70	276	451044	46.22	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087427.D

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Instrument :

BNA_F

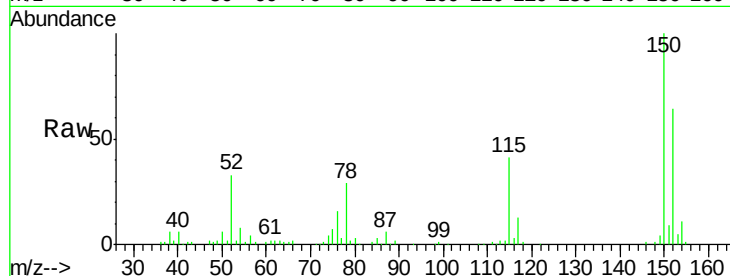
ClientSampleId :

PB90852BS

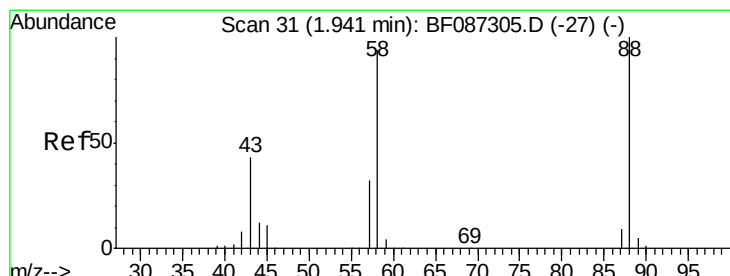
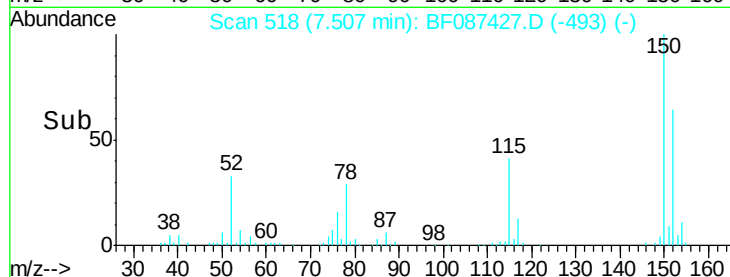
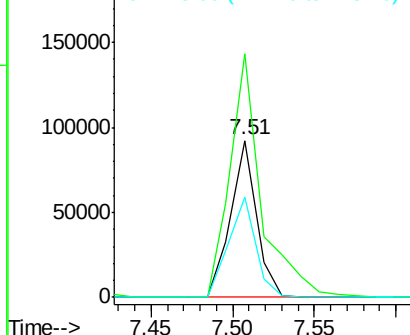
Tot Ion:	152	Resp:	100984
Ion Ratio	Lower	Upper	
152	100		
150	155.1	125.8	188.6
115	63.8	51.5	77.3

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



#2

1,4-Dioxane

Concen: 33.26 ng

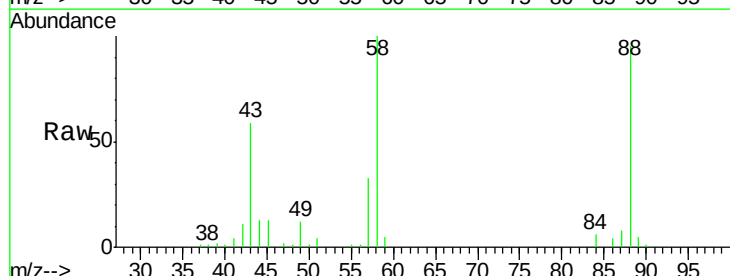
RT: 1.90 min Scan# 27

Delta R.T. 0.08 min

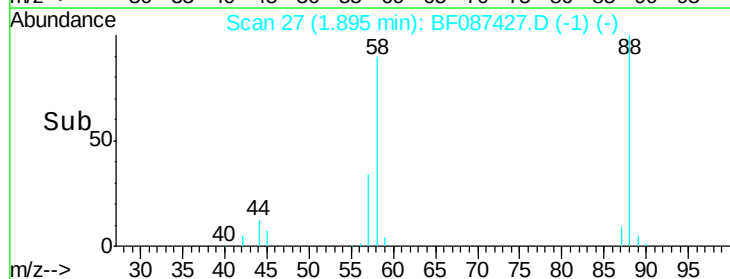
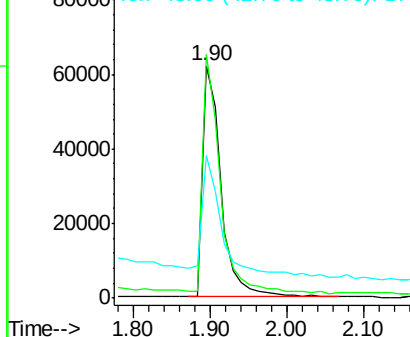
Lab File: BF087427.D

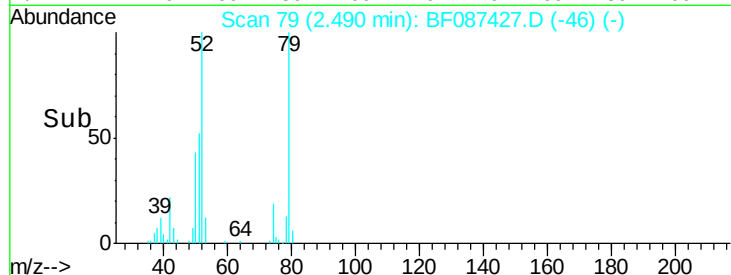
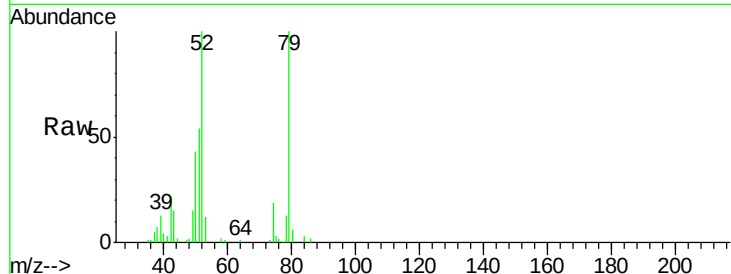
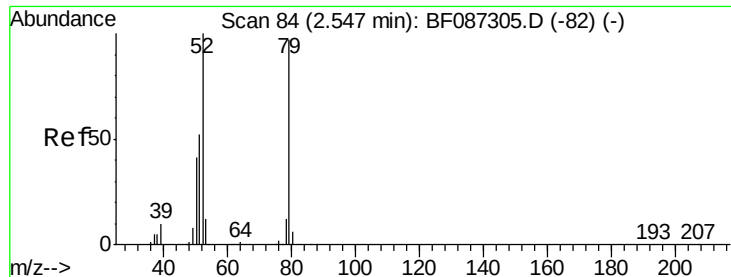
Acq: 27 May 2016 1:52

Tgt Ion:	88	Resp:	100855
Ion Ratio	Lower	Upper	
88	100		
58	100.4	59.6	89.4#
43	59.3	21.8	32.6#



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





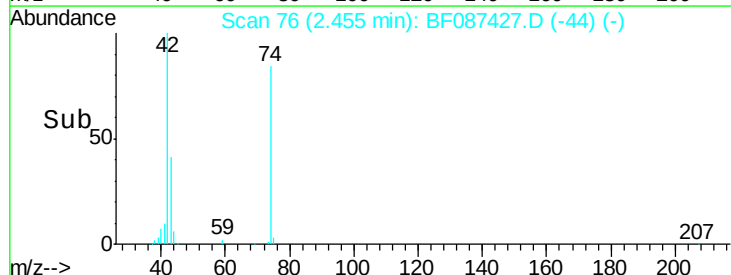
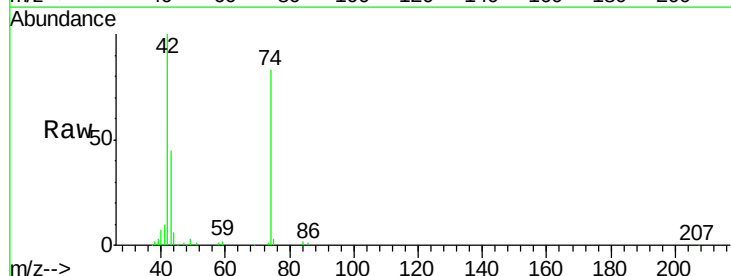
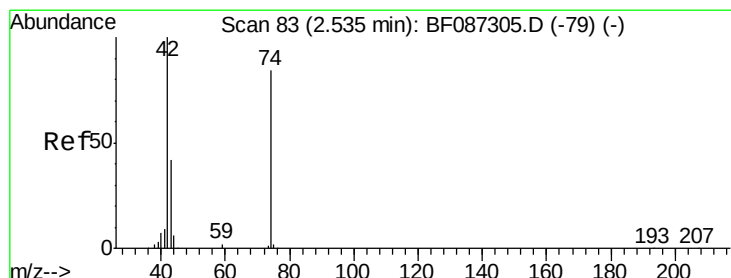
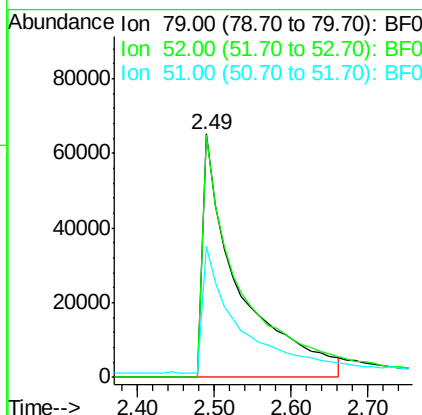
#3
 Pvridine
 Concen: 32.10 ng
 RT: 2.49 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	99.7	55.9	83.9#
51	53.9	28.1	42.1#

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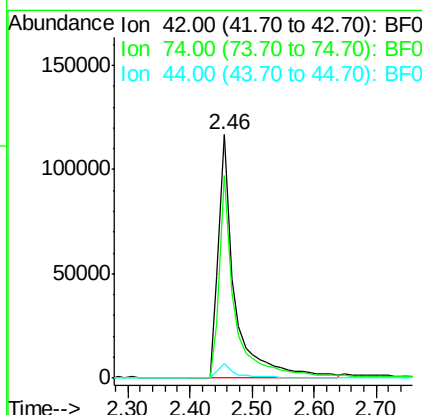
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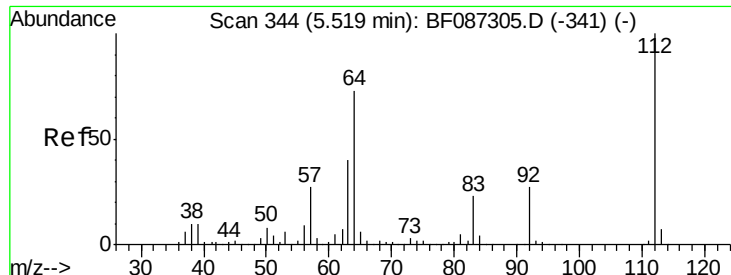
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#4
 n-Nitrosodimethylamine
 Concen: 42.08 ng
 RT: 2.46 min Scan# 76
 Delta R.T. 0.07 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	83.2	123.4	185.0#
44	6.1	5.8	8.6





#5

2-Fluorophenol

Concen: 132.72 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

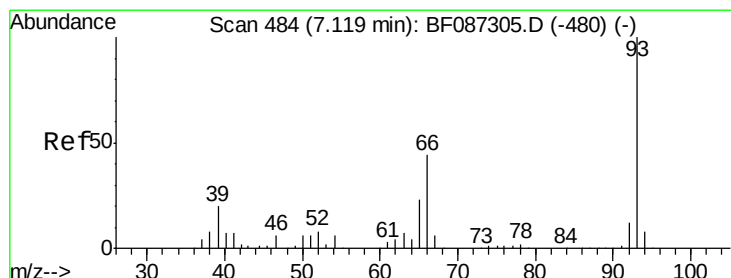
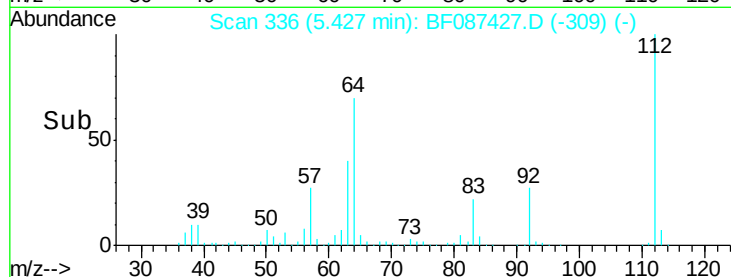
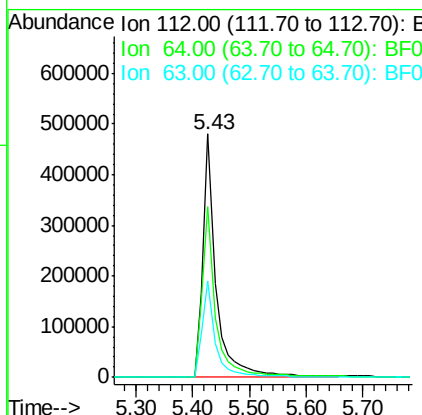
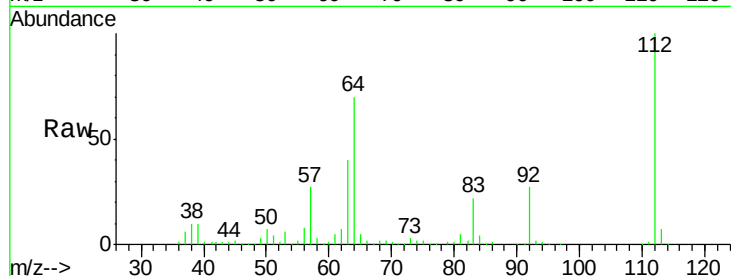
ClientSampleId :

PB90852BS

Tot Ion:	112	Resp:	762721
Ion Ratio	Lower	Upper	
112	100		
64	70.2	52.1	78.1
63	39.8	25.7	38.5

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#6

Aniline

Concen: 25.79 ng

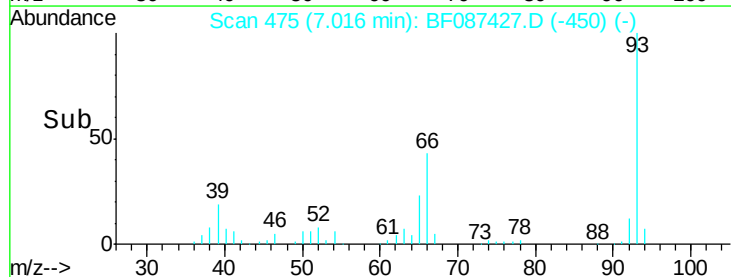
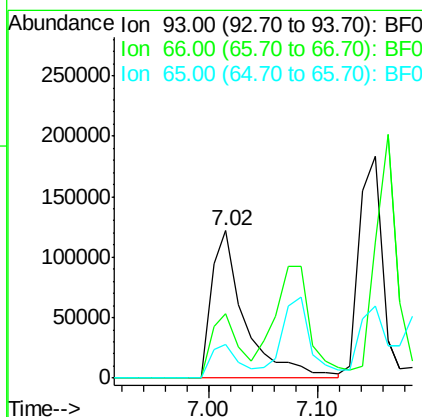
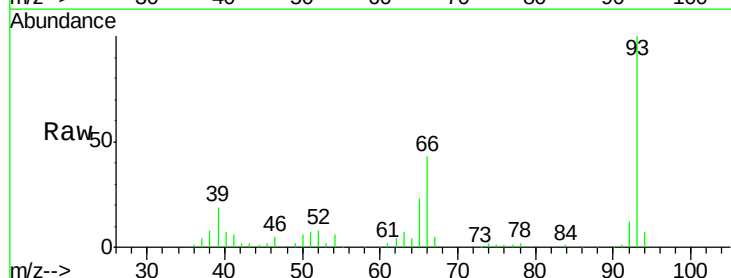
RT: 7.02 min Scan# 475

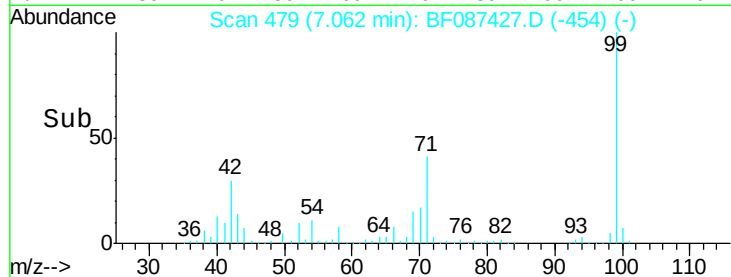
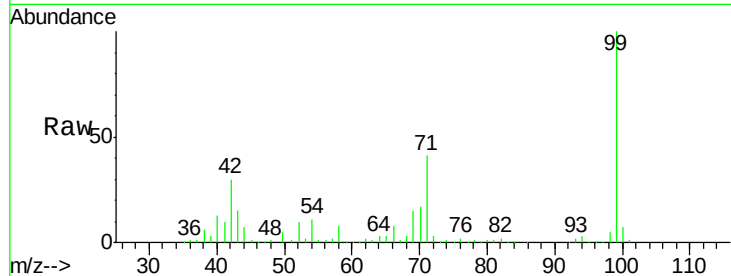
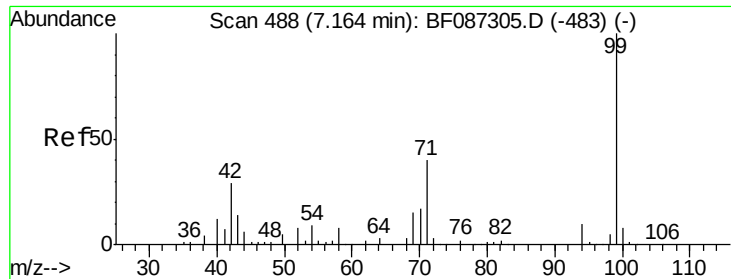
Delta R.T. -0.01 min

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Tgt Ion:	93	Resp:	259061
Ion Ratio	Lower	Upper	
93	100		
66	43.5	39.0	58.6
65	22.8	20.6	31.0





#7

Phenol-d6

Concen: 121.04 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tot Ion	Ion	Ratio	Resp Lower	Upper
99	100			
42	30.4	13.6	20.4#	
71	41.3	24.6	36.8#	

Instrument :

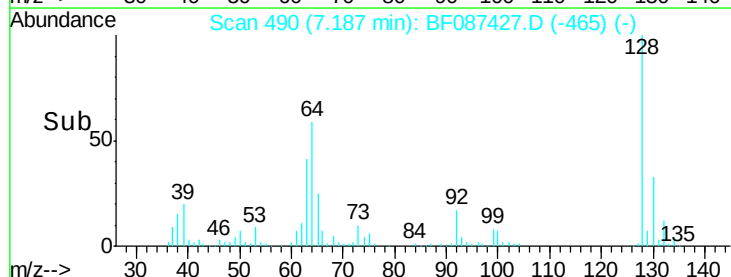
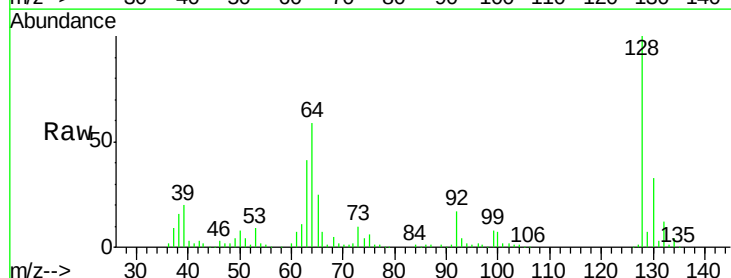
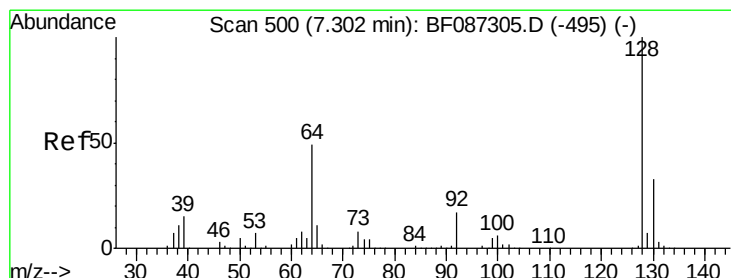
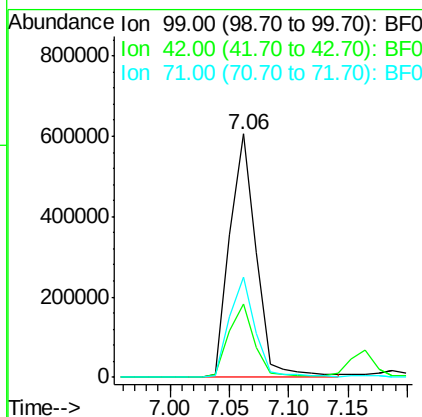
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#8

2-Chlorophenol

Concen: 40.14 ng

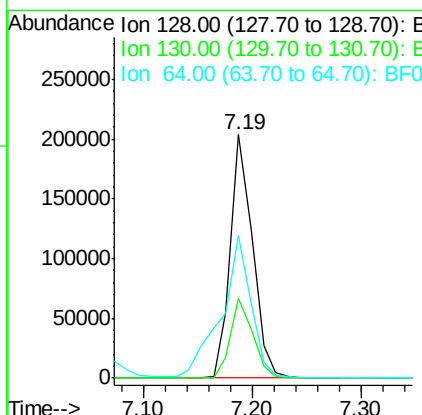
RT: 7.19 min Scan# 490

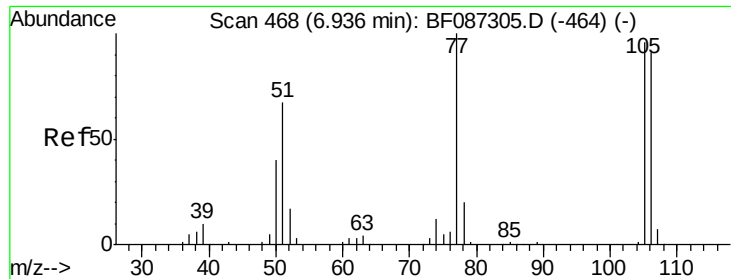
Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion	Ion	Ratio	Resp Lower	Upper
128	100			
130	32.7	12.5	52.5	
64	58.6	27.3	67.3	





#9

Benzaldehyde

Concen: 5.95 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.03 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

Tot Ion: 77 Resp: 25509

Ion Ratio Lower Upper

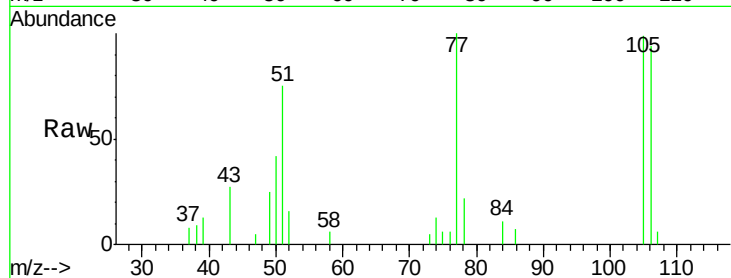
77 100

105 99.4 72.7 112.7

106 94.2 70.8 110.8

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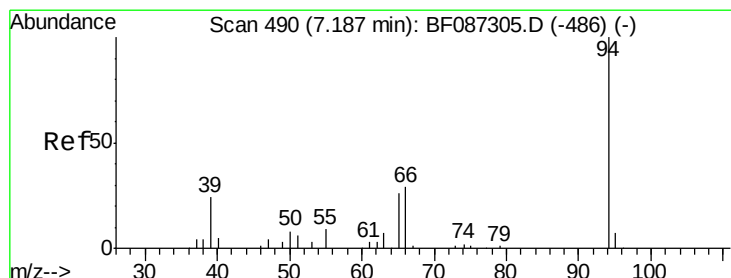
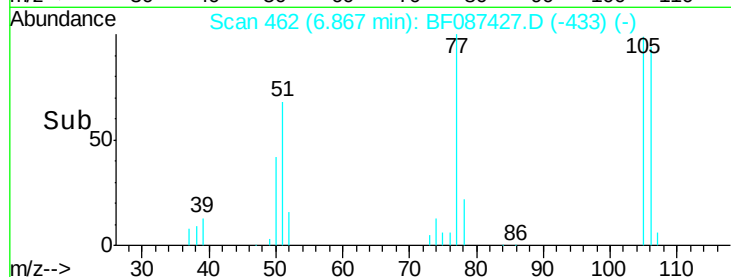
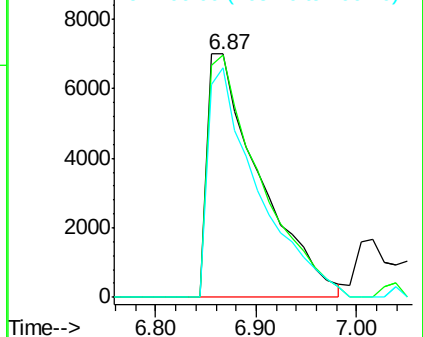
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.93 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

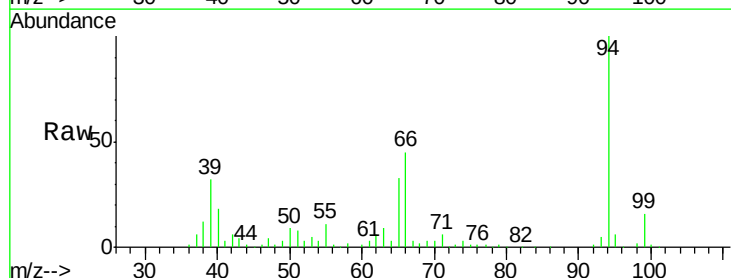
Tgt Ion: 94 Resp: 364041

Ion Ratio Lower Upper

94 100

65 32.7 7.2 47.2

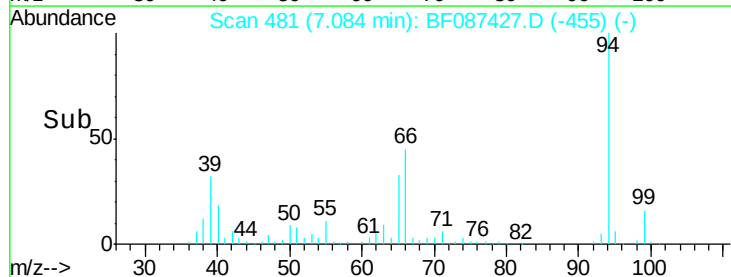
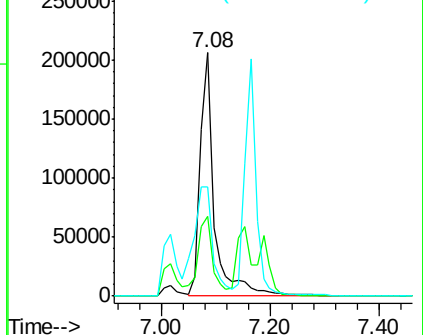
66 45.0 14.9 54.9

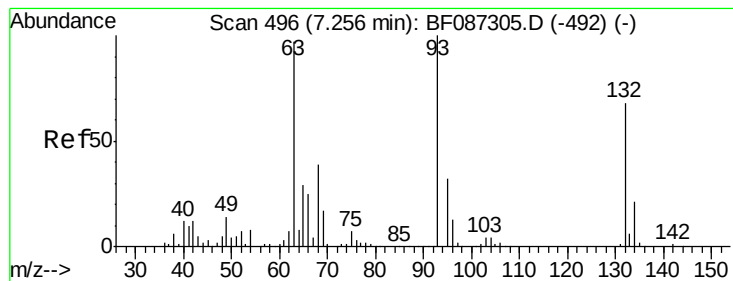


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





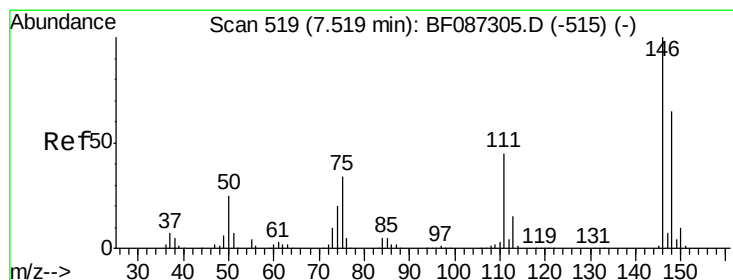
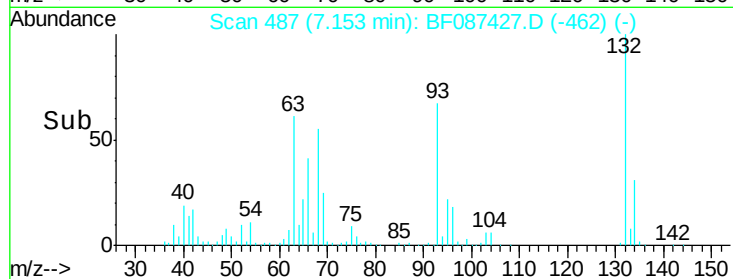
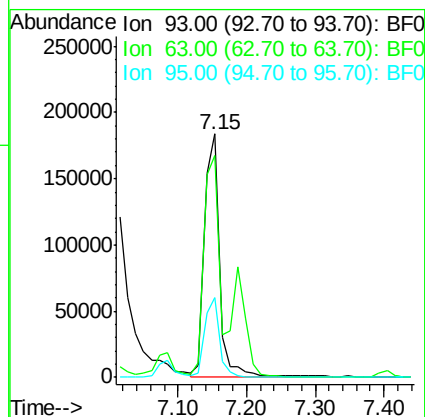
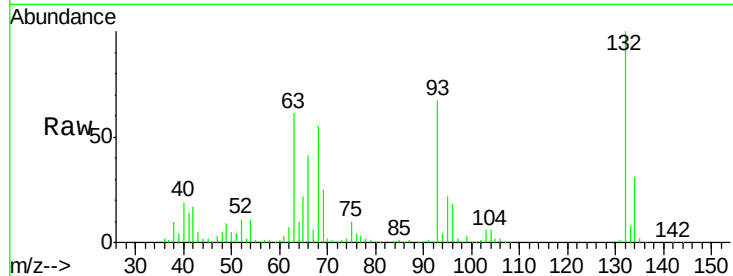
#11
bis(2-Chloroethyl)ether
Concen: 40.71 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleID :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	279432		
63	91.0	58.0	98.0	
95	33.0	11.9	51.9	

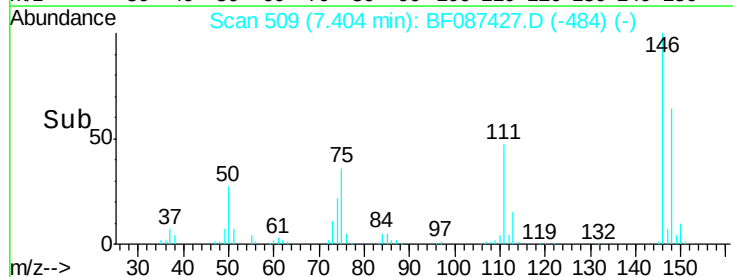
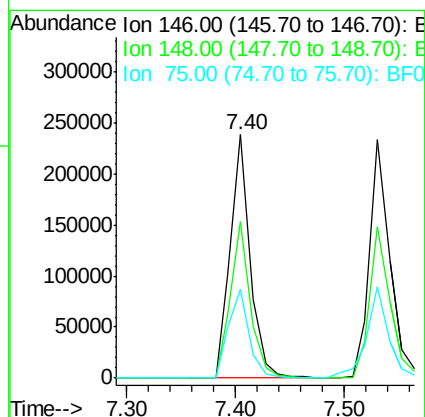
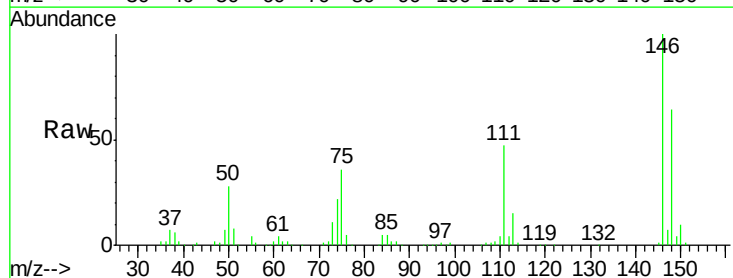
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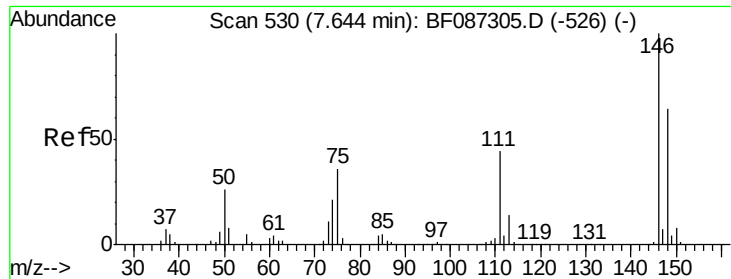
sohil
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#12
1,3-Dichlorobenzene
Concen: 38.66 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302242		
148	64.1	52.4	78.6	
75	36.3	22.8	34.2	





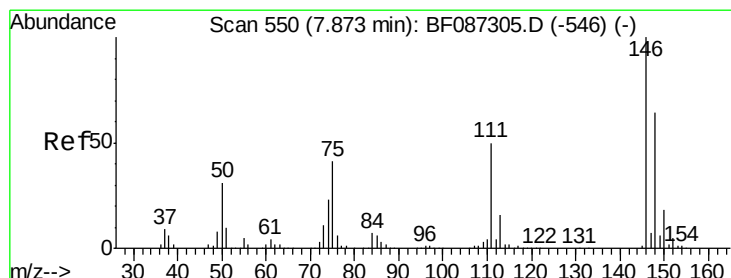
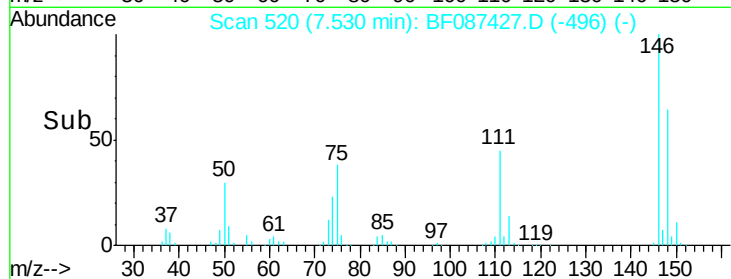
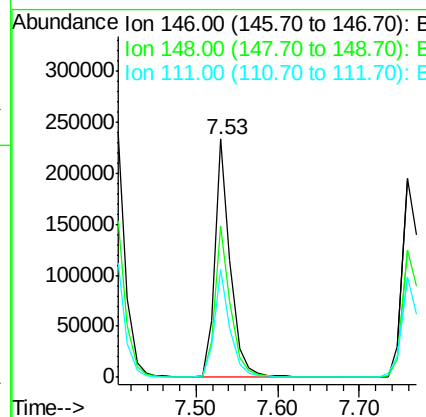
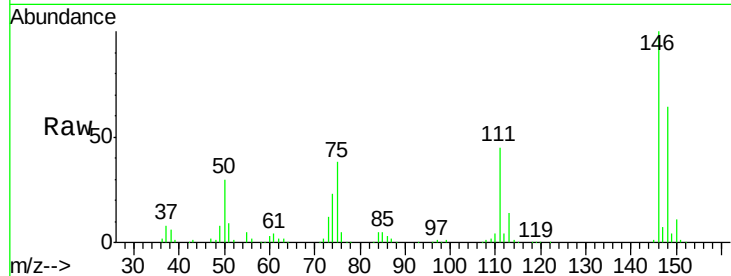
#13
 1,4-Dichlorobenzene
 Concen: 38.79 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	45.5	30.7	46.1

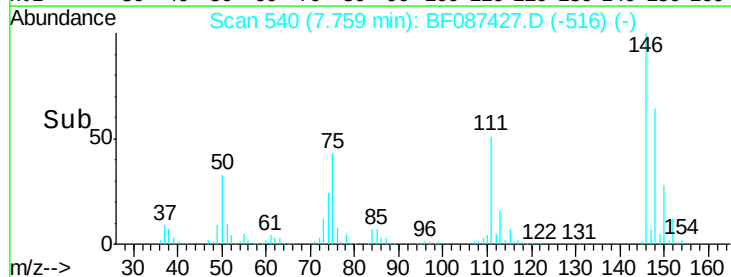
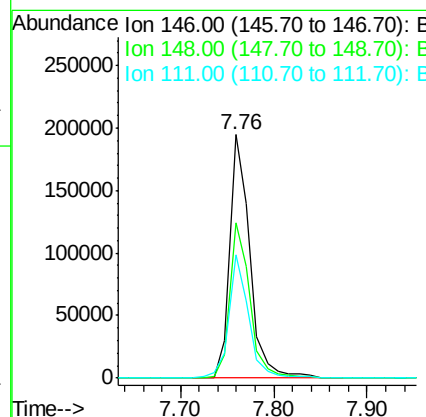
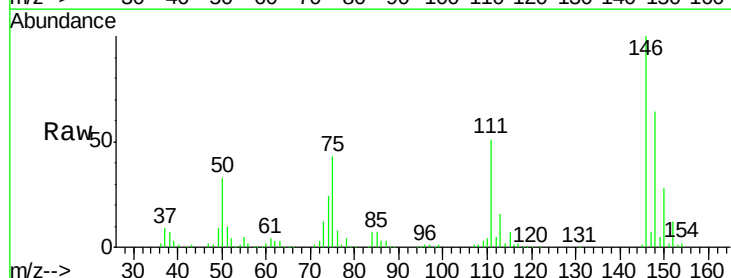
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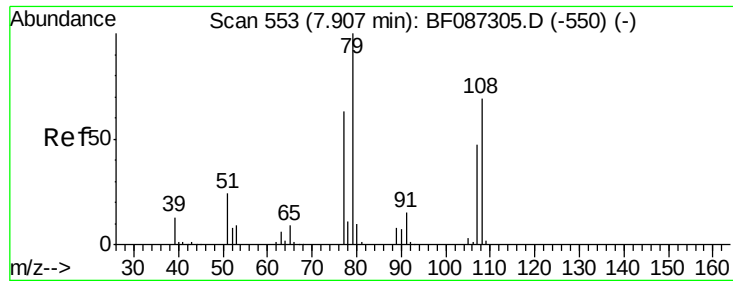
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.24 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	50.7	36.2	54.4





#15

Benzyl Alcohol

Concen: 42.85 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

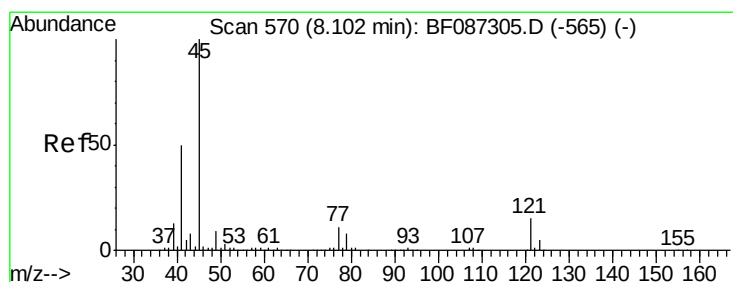
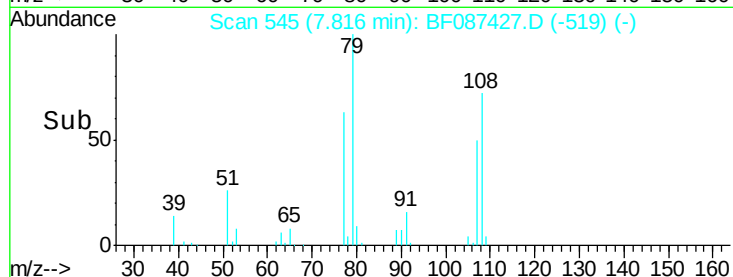
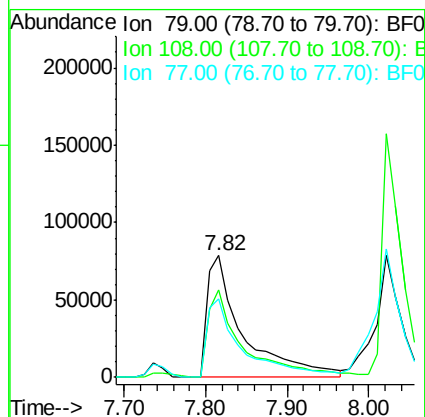
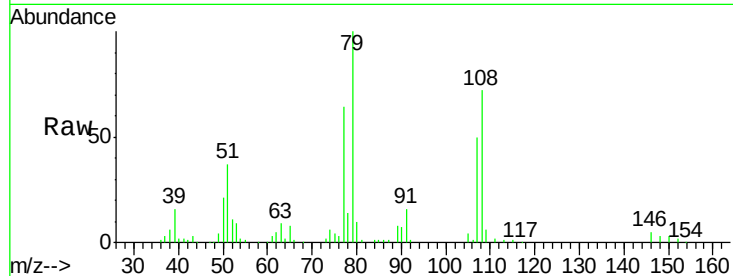
ClientSampleId :

PB90852BS

Tot Ion:	79	Resp:	242608
Ion Ratio	Lower	Upper	
79	100		
108	71.7	68.4	102.6
77	64.0	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.00 ng

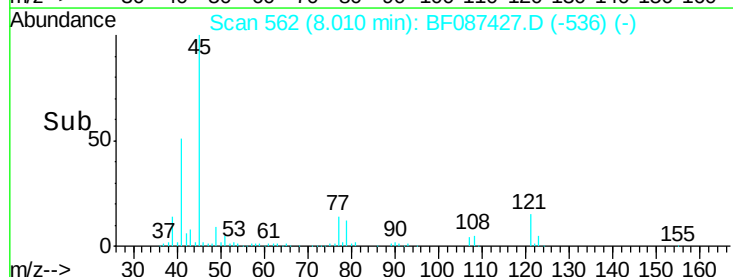
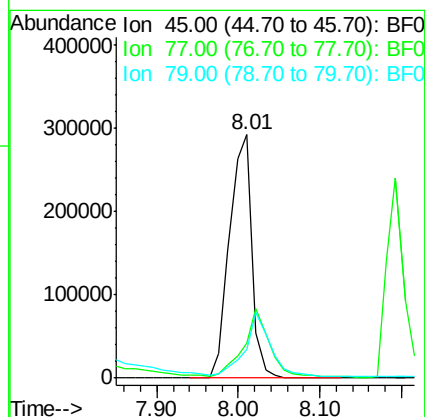
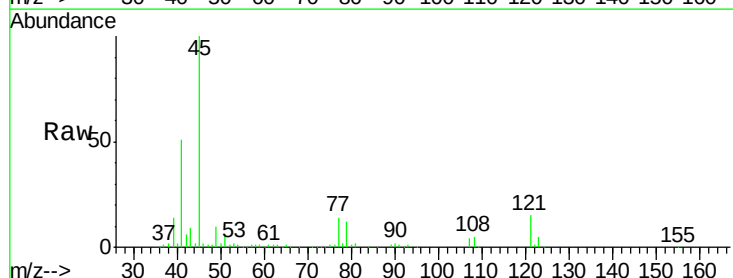
RT: 8.01 min Scan# 562

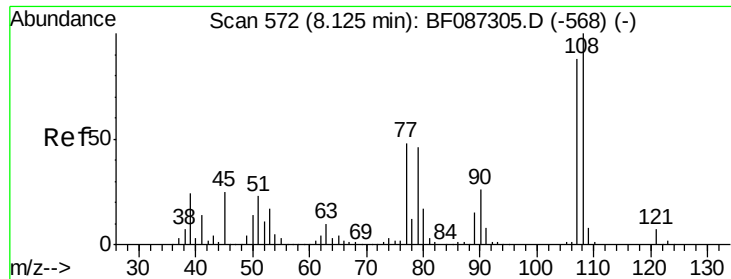
Delta R.T. -0.00 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion:	45	Resp:	555929
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	36.4
79	11.6	0.0	33.4





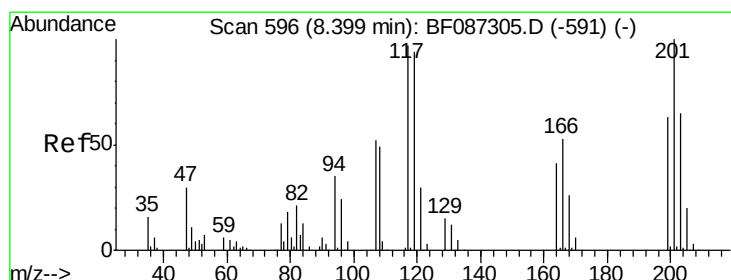
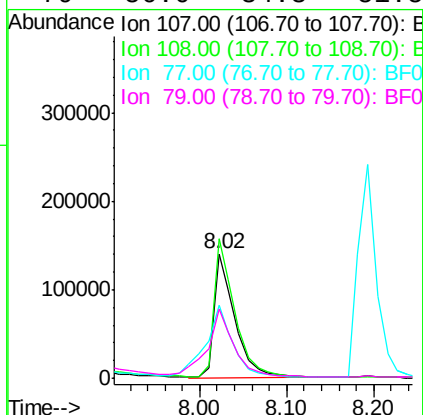
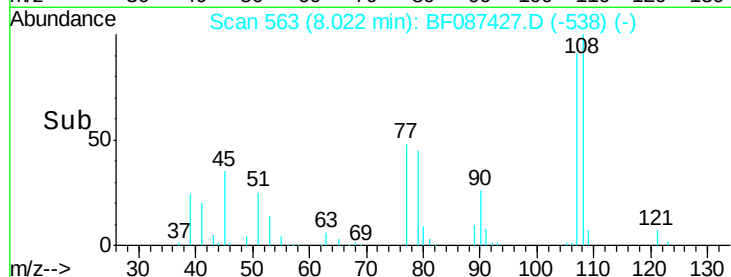
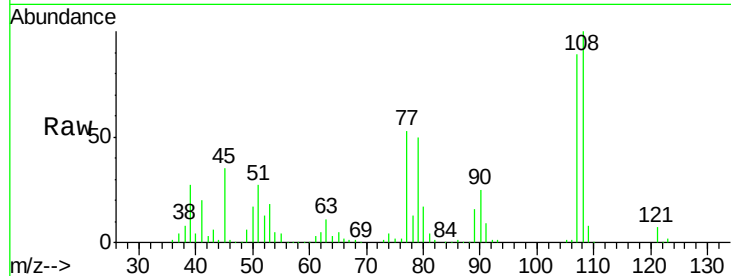
#17
2-Methylphenol
Concen: 41.13 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	111.9	93.7	140.5
77	59.1	33.4	50.0
79	56.0	34.3	51.5

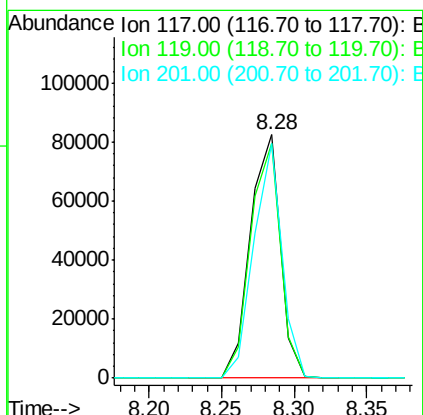
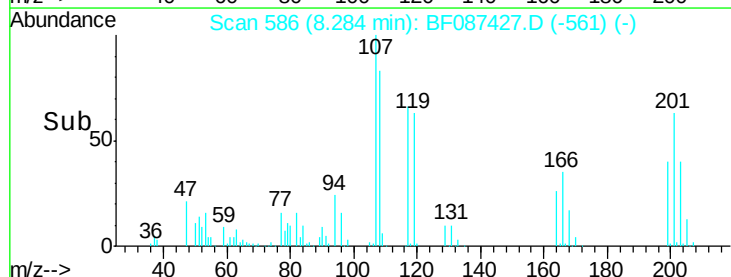
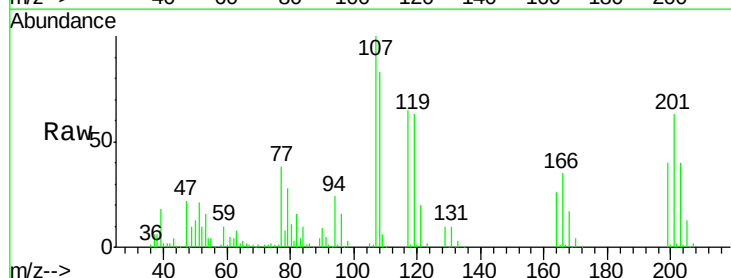
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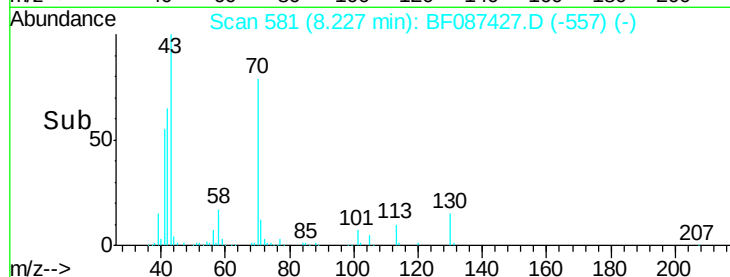
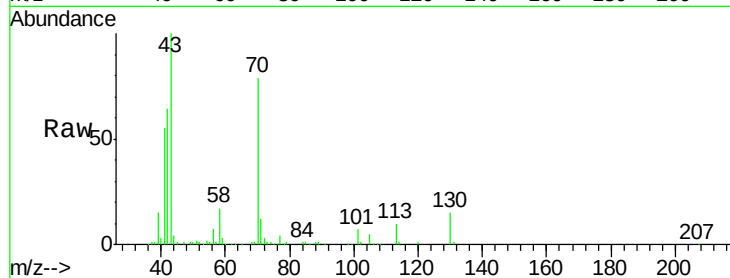
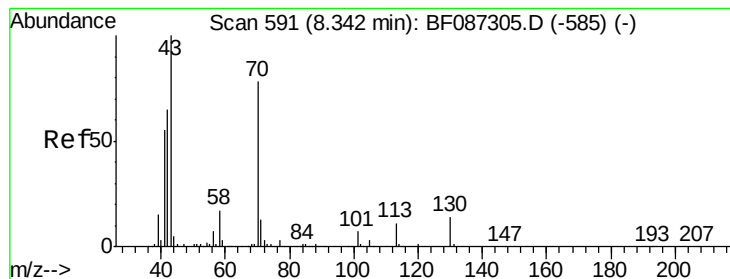
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#18
Hexachloroethane
Concen: 39.65 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	96.6	76.5	114.7
201	96.4	63.0	94.6





#19

n-Nitroso-di-n-propylamine

Concen: 41.00 ng

RT: 8.23 min Scan# 581

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleID :

PB90852BS

Tot Ion: 70 Resp: 237437

Ion Ratio Lower Upper

70 100

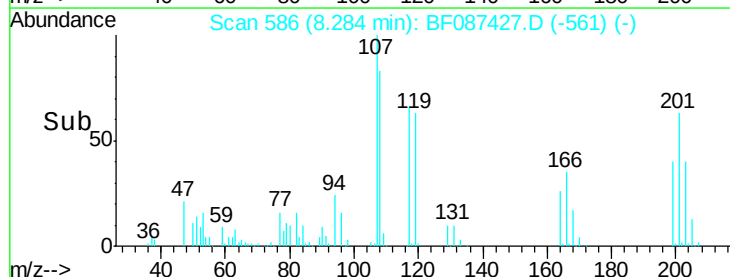
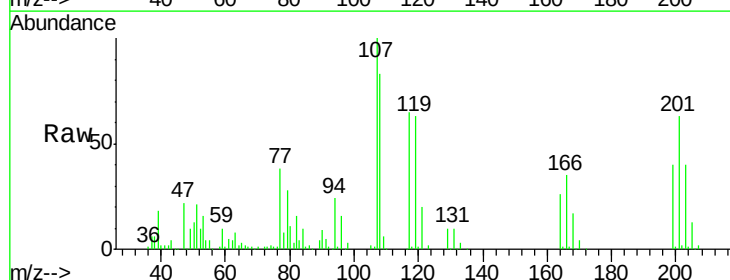
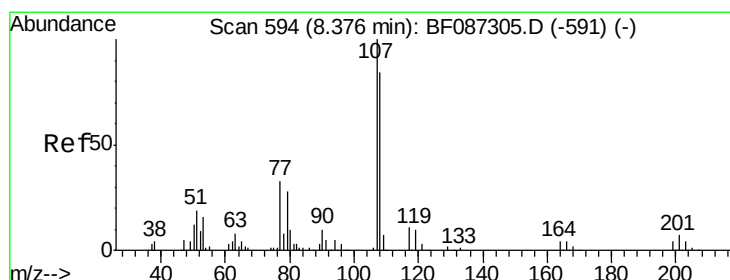
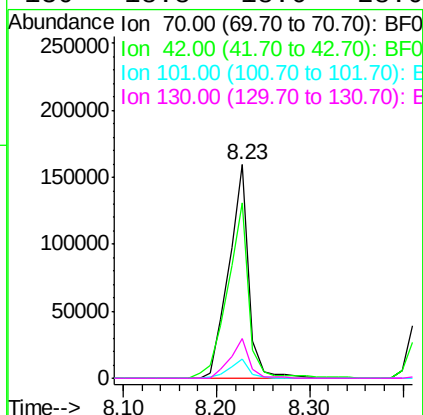
42 81.8 43.1 64.7#

101 8.9 8.1 12.1

130 18.8 18.6 28.0

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#20

3+4-Methylphenols

Concen: 42.99 ng

RT: 8.28 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion: 107 Resp: 298497

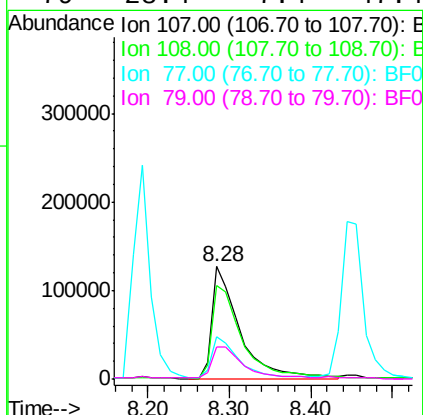
Ion Ratio Lower Upper

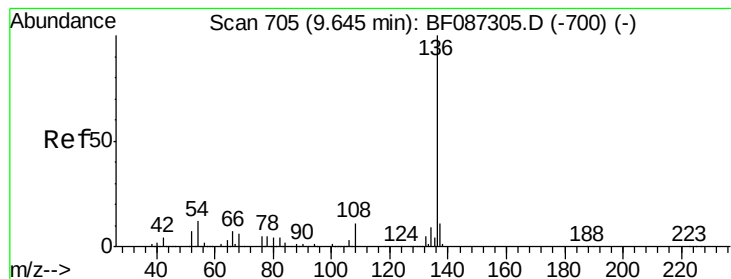
107 100

108 83.4 68.5 108.5

77 37.6 101.6 141.6#

79 28.4 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

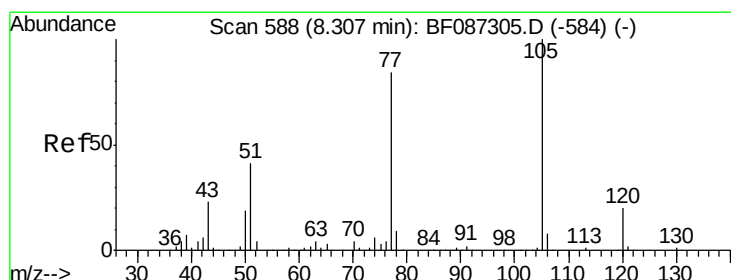
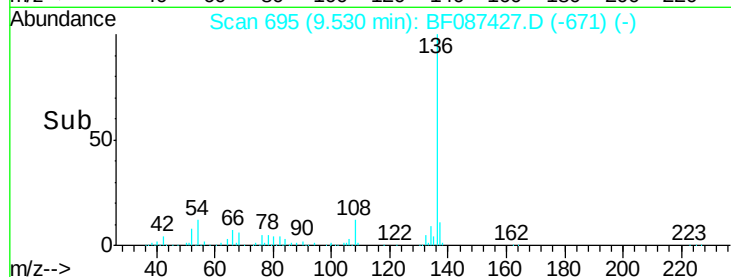
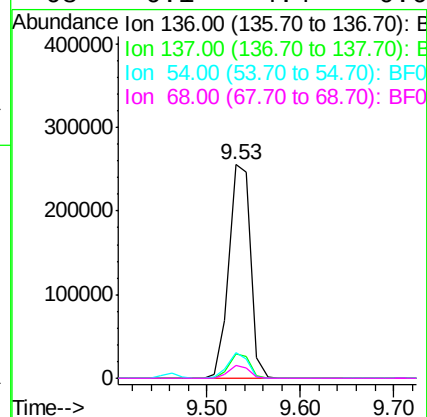
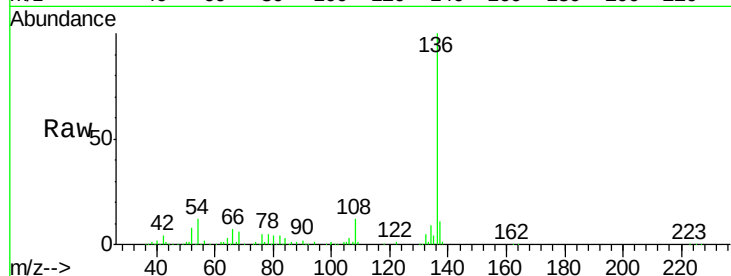
ClientSampleId :

PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	413949		
137	11.2	8.8	13.2	
54	12.2	5.0	7.4	
68	6.1	4.4	6.6	

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#22

Acetophenone

Concen: 42.75 ng

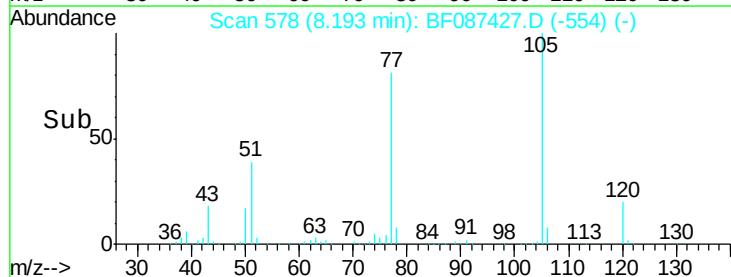
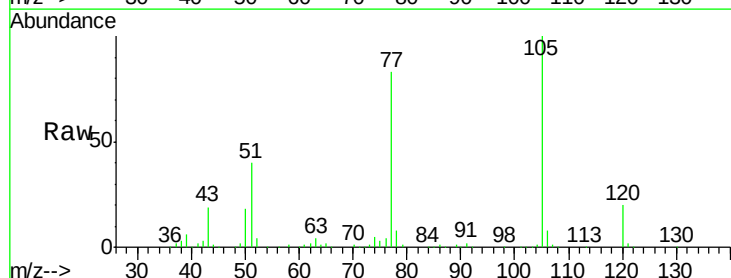
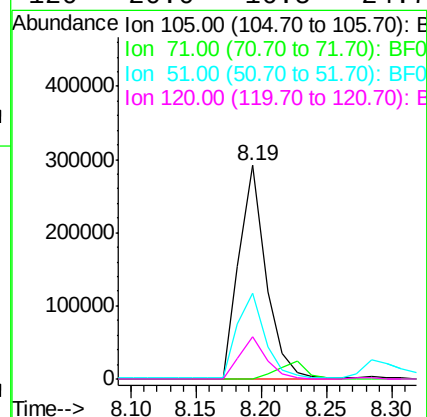
RT: 8.19 min Scan# 578

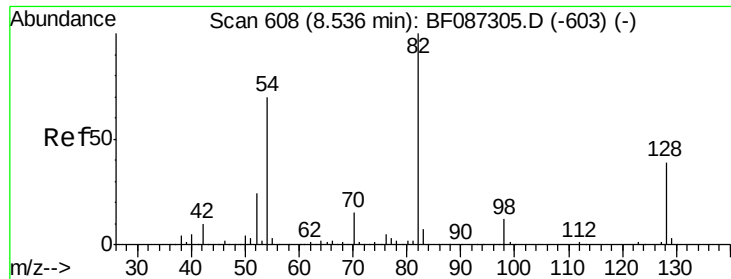
Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	422792		
71	0.3	4.8	7.2	
51	40.3	32.6	49.0	
120	20.0	16.5	24.7	





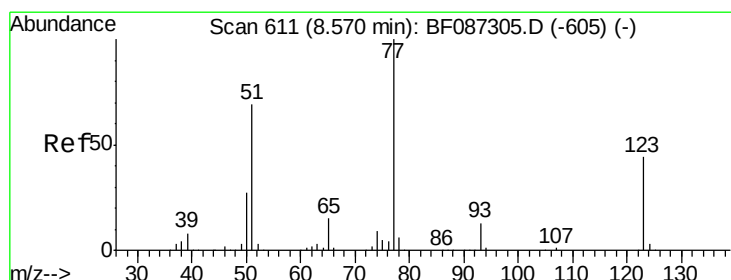
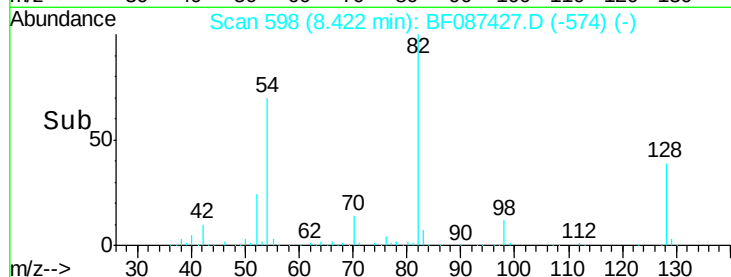
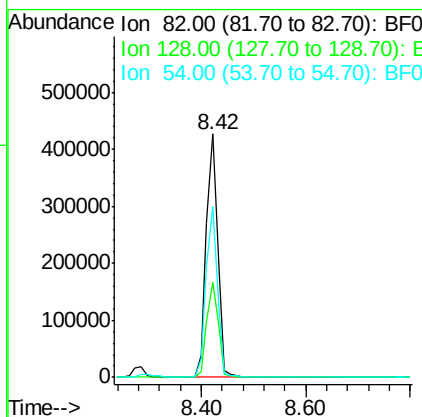
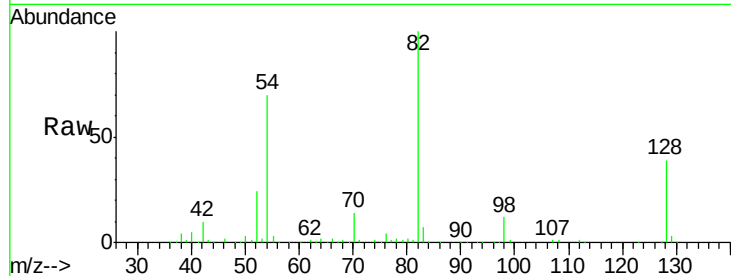
#23
Nitrobenzene-d5
Concen: 79.30 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.1	40.6	61.0#	
54	70.0	38.1	57.1#	

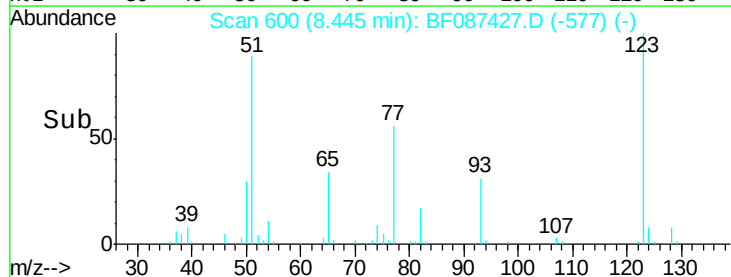
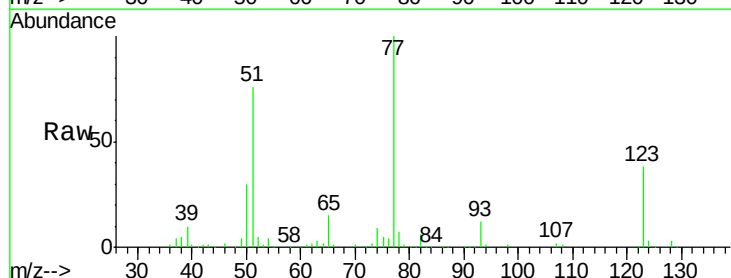
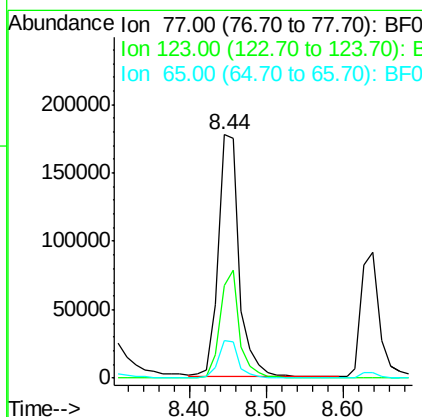
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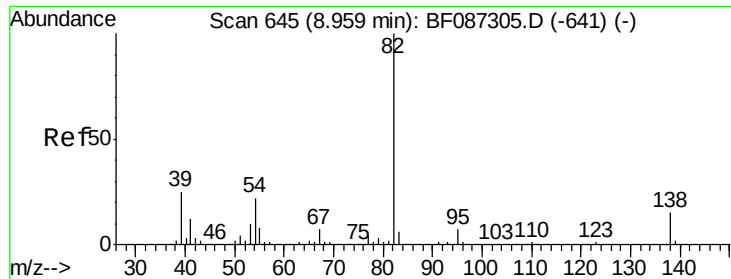
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#24
Nitrobenzene
Concen: 39.17 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.9	33.0	49.4	
65	15.4	10.8	16.2	





#25

Isophorone

Concen: 39.71 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

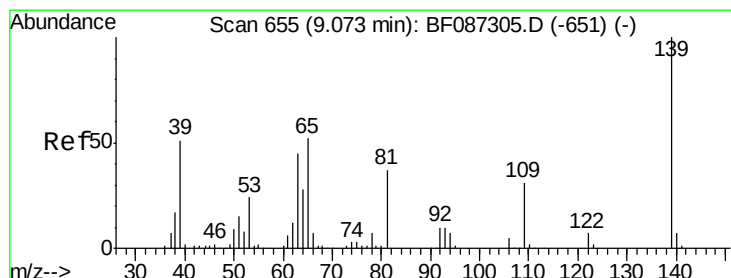
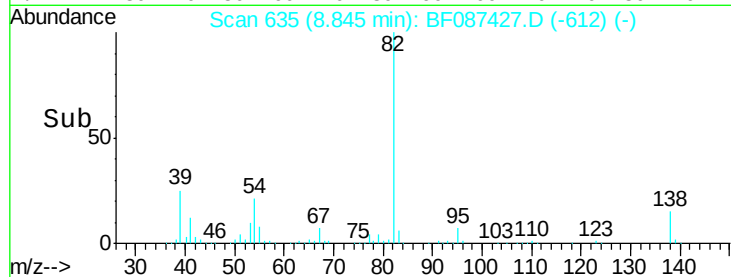
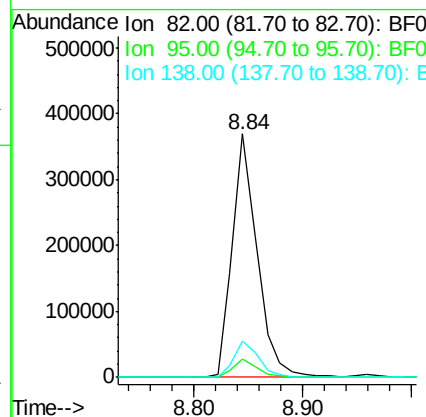
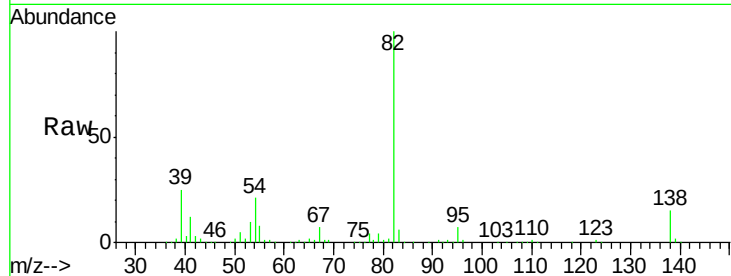
ClientSampled :

PB90852BS

Tot Ion:	82	Resp:	584887
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.1	7.7
138	15.1	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.66 ng

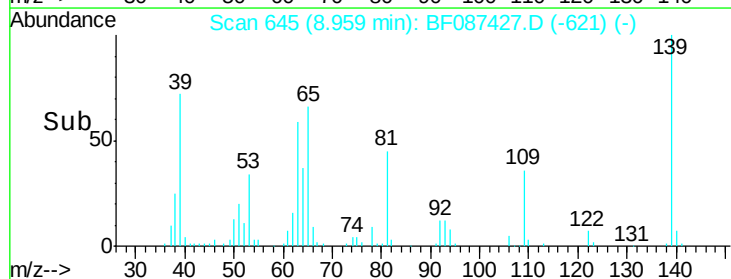
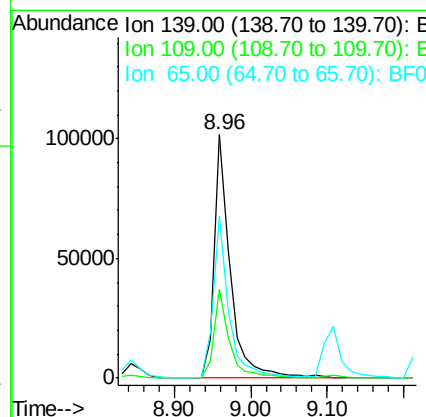
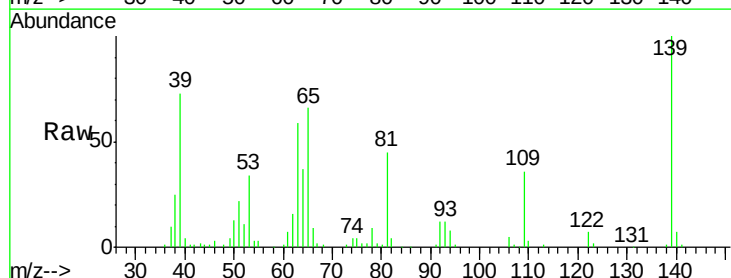
RT: 8.96 min Scan# 645

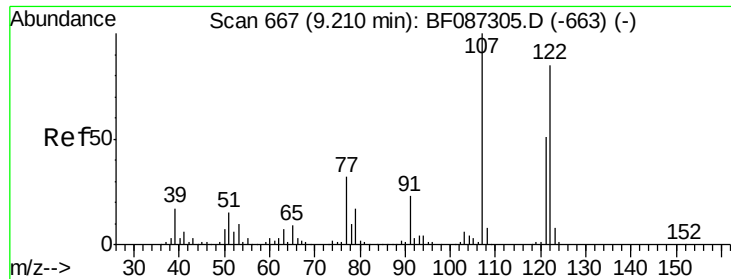
Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion:	139	Resp:	147636
Ion Ratio		Lower	Upper
139	100		
109	36.3	19.5	29.3#
65	66.3	37.5	56.3#





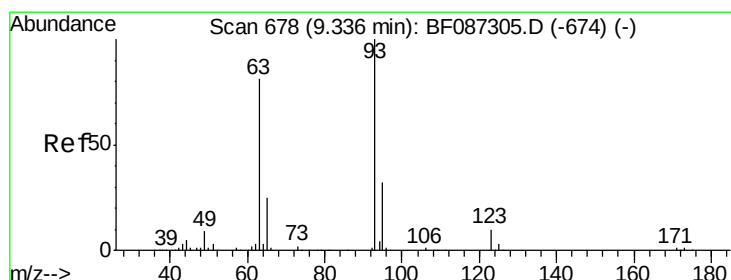
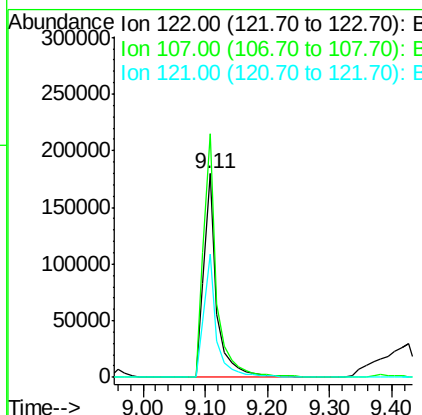
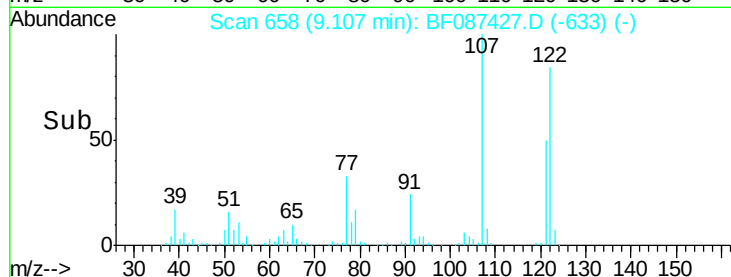
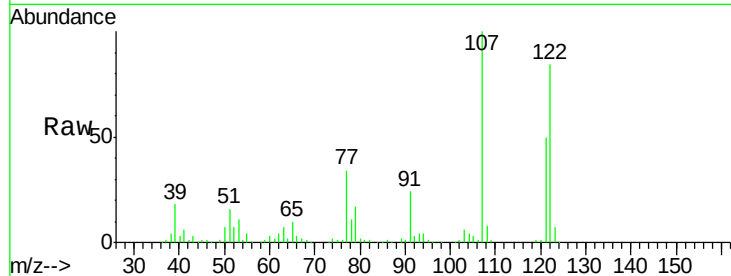
#27
 2,4-Dimethylphenol
 Concen: 42.44 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion:	122	Resp:	261084
Ion Ratio	Lower	Upper	
122	100		
107	119.6	82.0	123.0
121	60.3	46.1	69.1

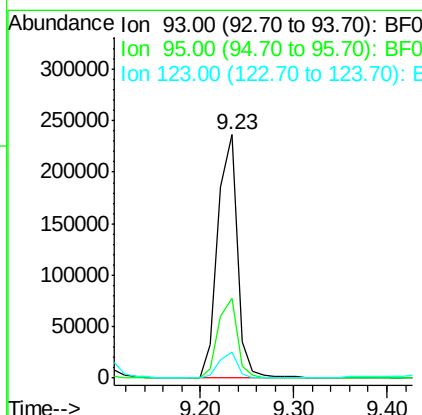
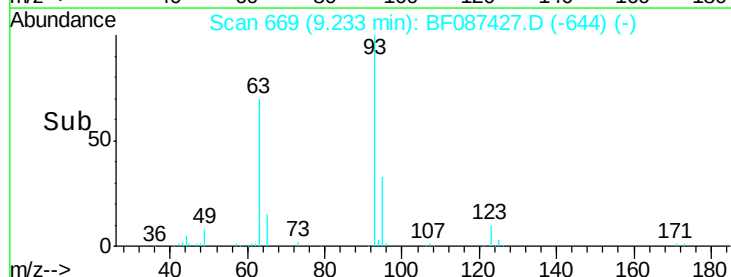
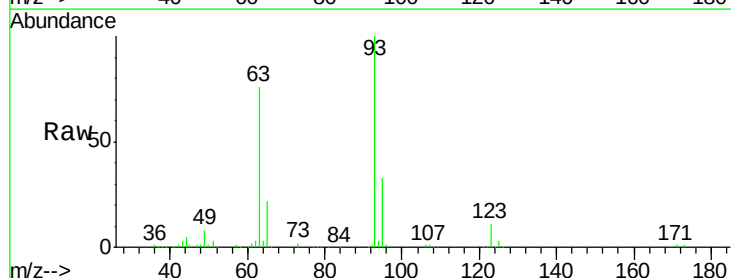
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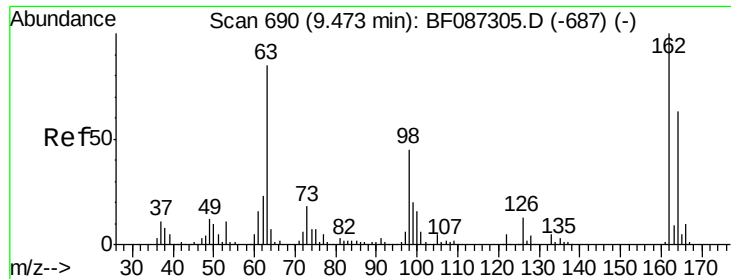
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.91 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion:	93	Resp:	347721
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.0	39.0
123	10.5	9.5	14.3





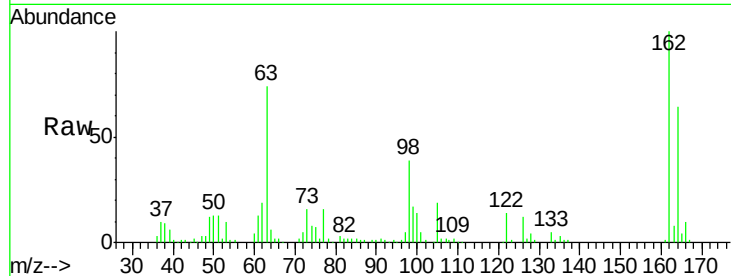
#29
 2,4-Dichlorophenol
 Concen: 42.60 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleID :
 PB90852BS

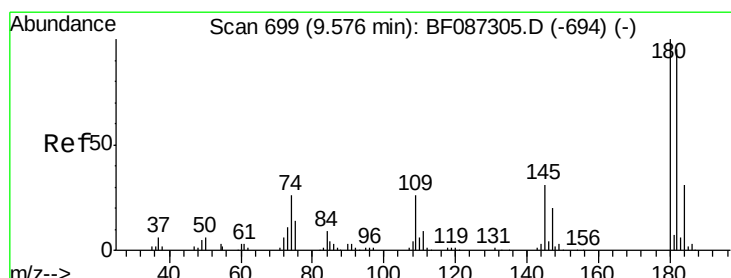
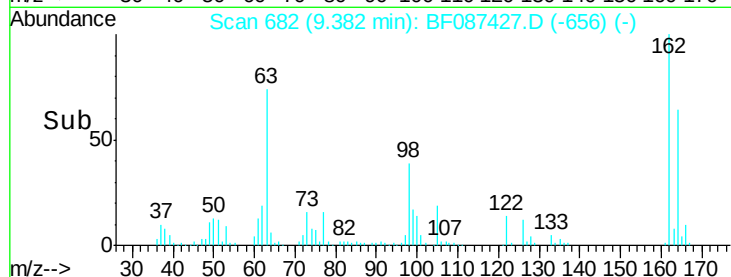
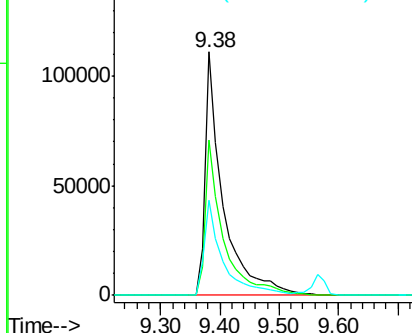
Tot Ion:	162	Resp:	236188
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.2	82.2
98	39.0	19.0	59.0

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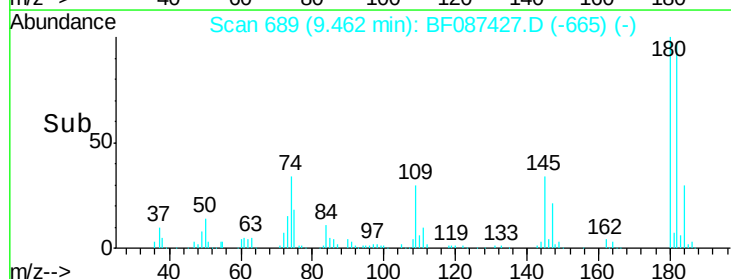
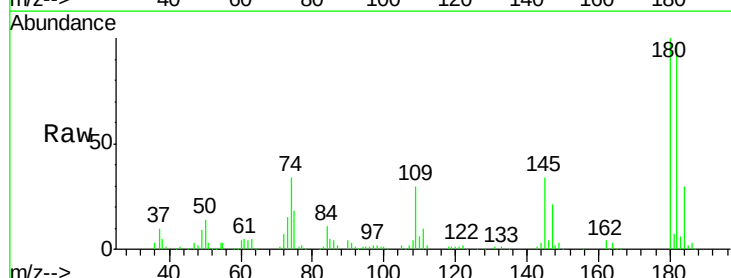
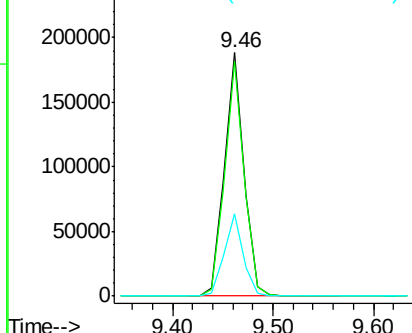
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

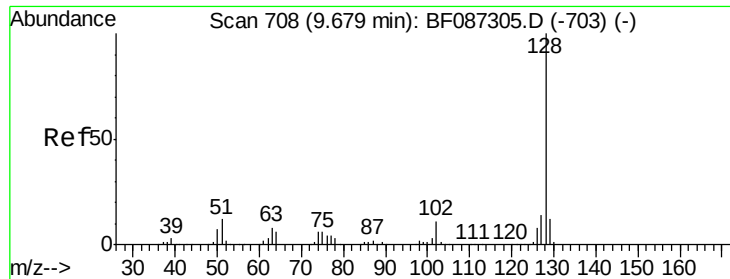


#30
 1,2,4-Trichlorobenzene
 Concen: 39.79 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion:	180	Resp:	252545
Ion Ratio	Lower	Upper	
180	100		
182	96.5	78.0	117.0
145	33.6	24.2	36.2

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





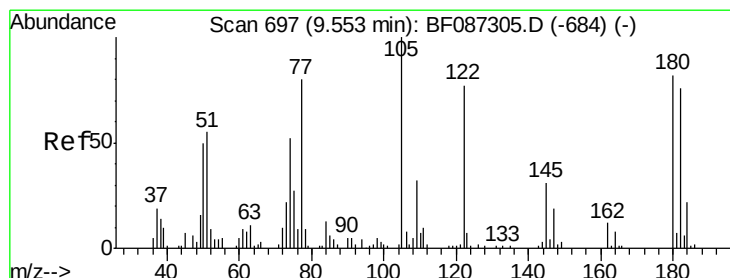
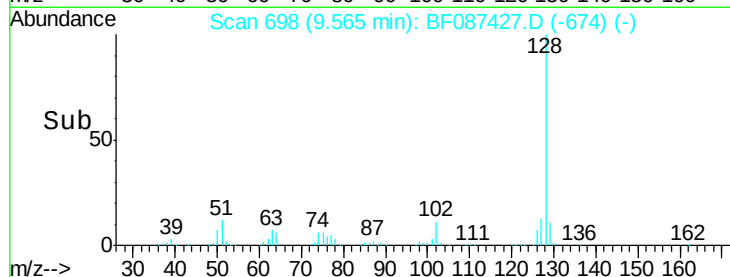
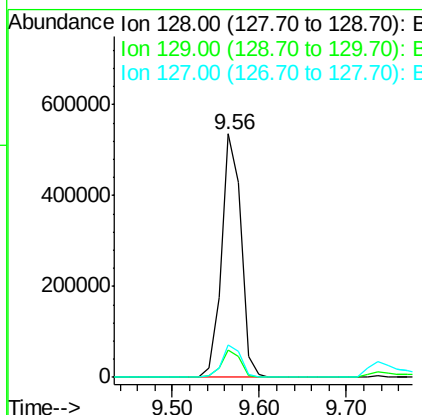
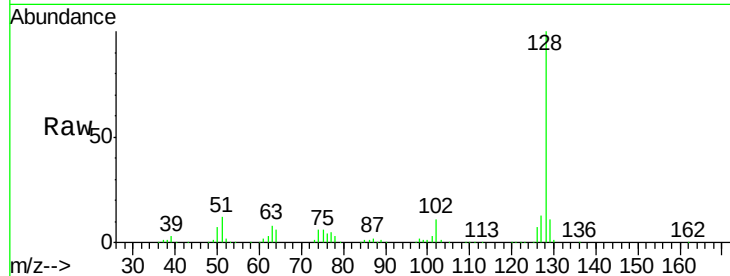
#31
Naphthalene
Concen: 40.30 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.6	13.0	
127	13.3	10.8	16.2	

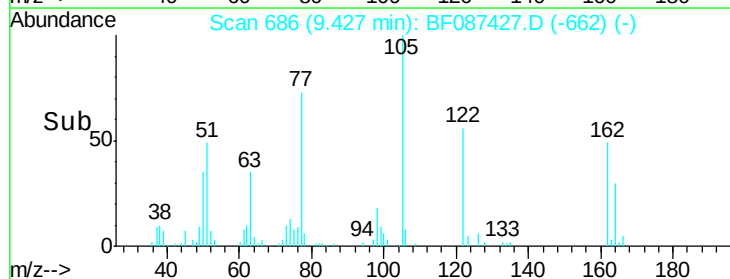
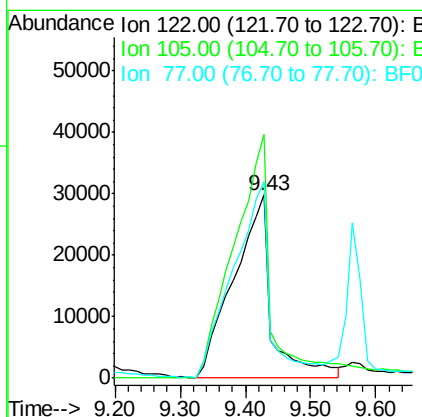
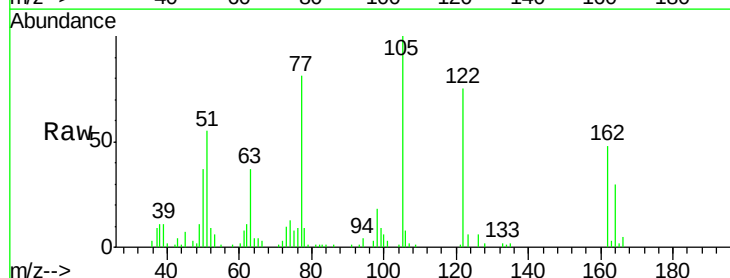
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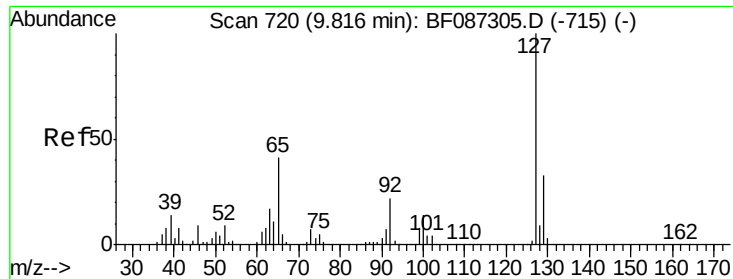
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#32
Benzoic acid
Concen: 39.45 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	132.8	92.6	132.6#	
77	106.9	60.0	100.0#	





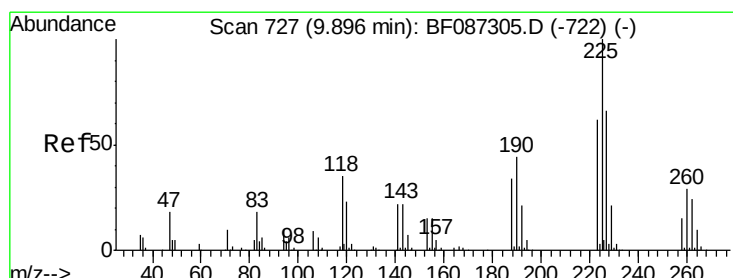
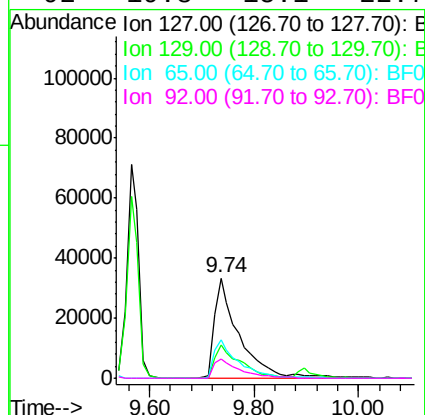
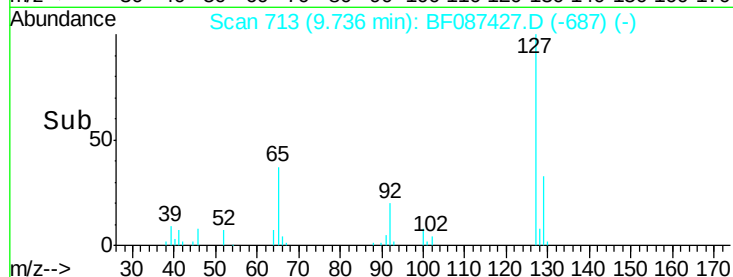
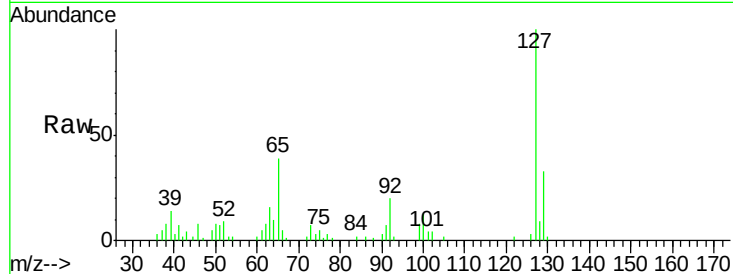
#33
4-Chloroaniline
Concen: 14.32 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampled :
PB90852BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.4		
65	38.7	23.0	34.4		
92	19.8	15.1	22.7		

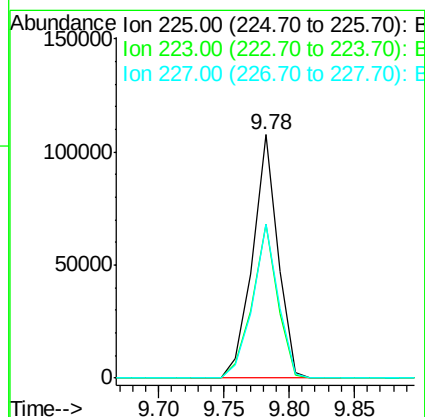
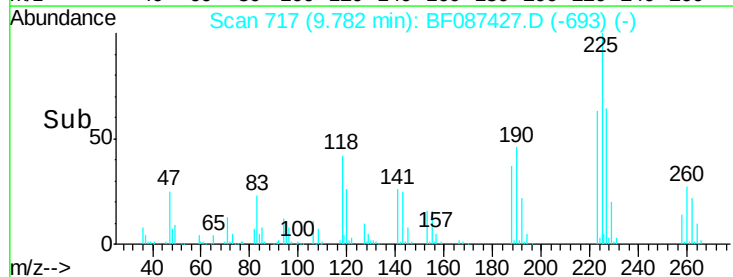
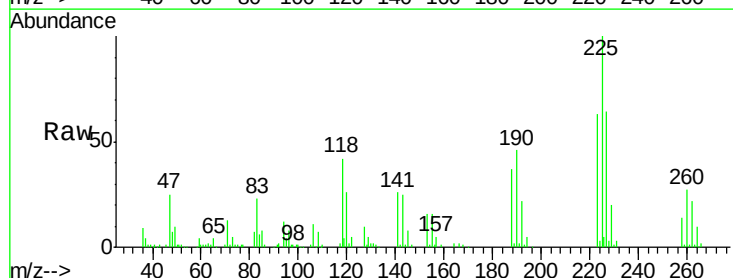
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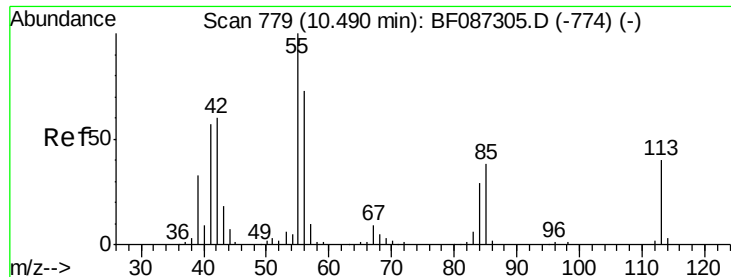
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#34
Hexachlorobutadiene
Concen: 37.75 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.5	77.3		
227	63.5	52.2	78.2		





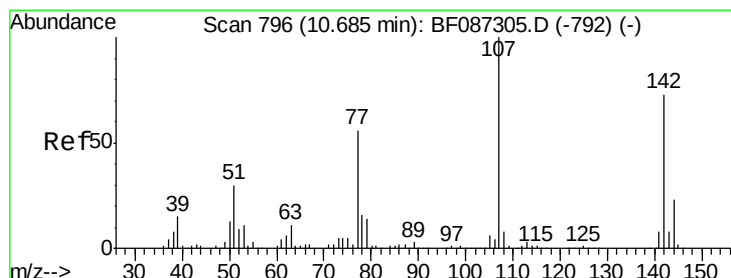
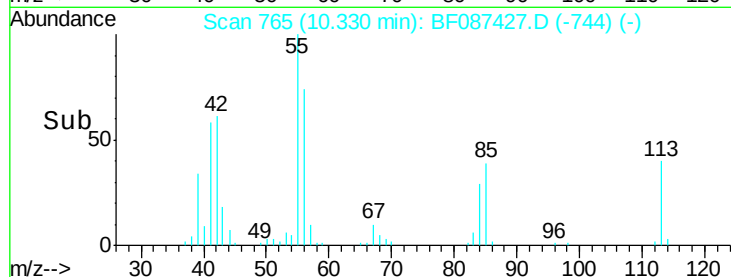
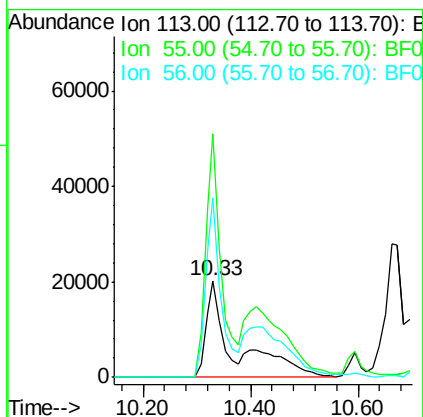
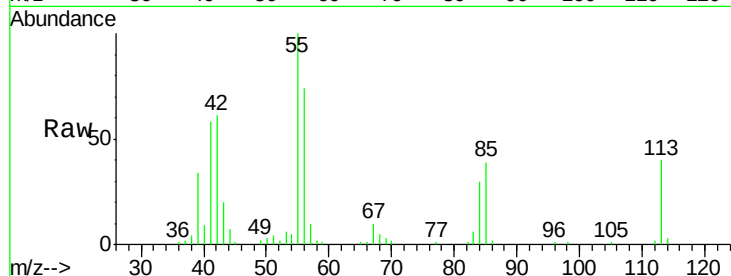
#35
 Caprolactam
 Concen: 45.70 ng/ml
 RT: 10.33 min Scan# 765
 Delta R.T. -0.06 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleID :
 PB90852BS

Tot Ion:113 Resp: 73960
 Ion Ratio Lower Upper
 113 100
 55 251.0 162.0 202.0#
 56 185.7 115.3 155.3#

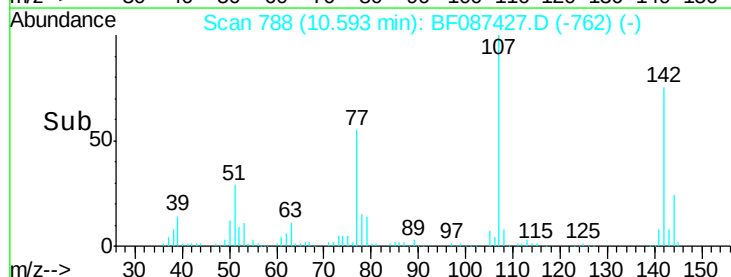
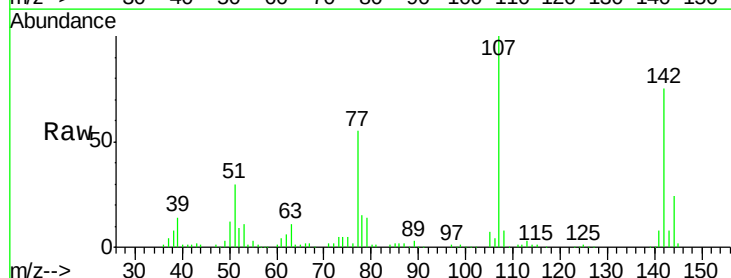
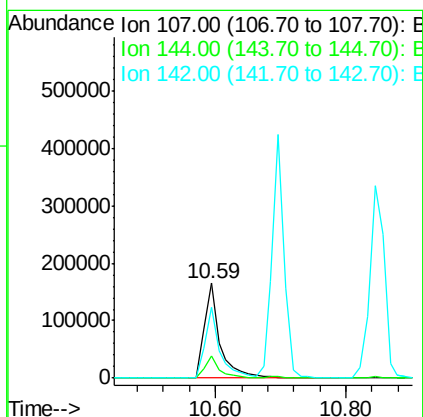
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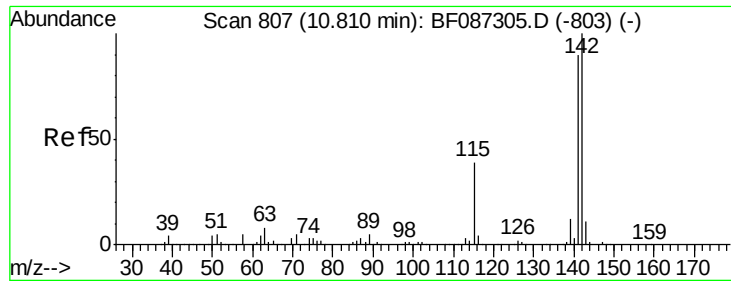
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#36
 4-Chloro-3-methylphenol
 Concen: 43.97 ng/ml
 RT: 10.59 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion:107 Resp: 275627
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.7 31.1
 142 75.5 63.2 94.8





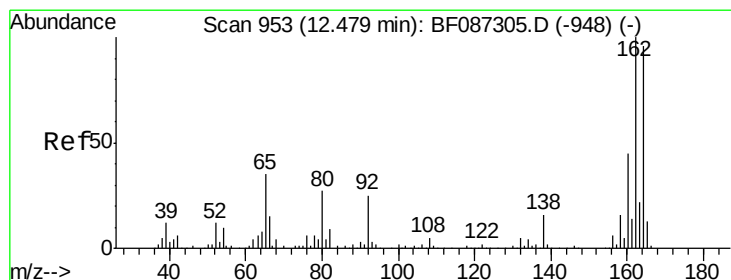
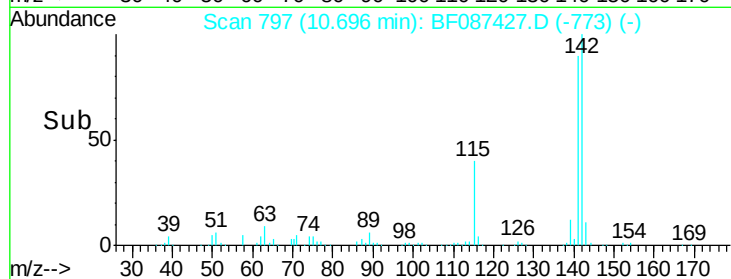
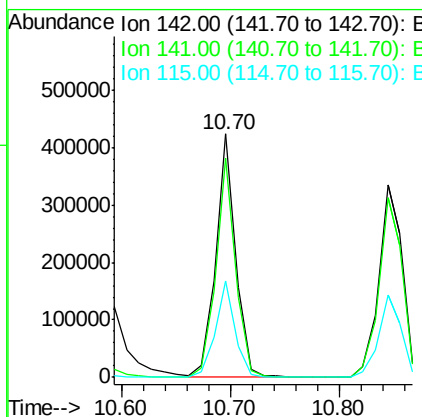
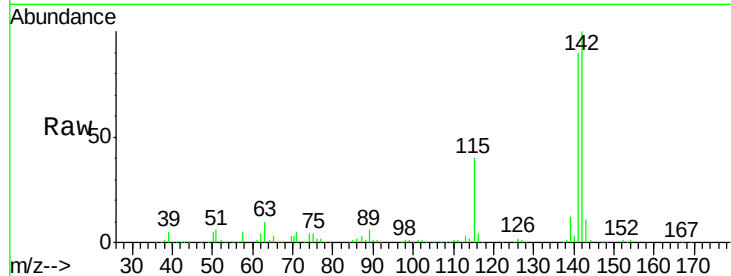
#37
2-Methylnaphthalene
Concen: 41.89 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	39.8	26.6	39.8

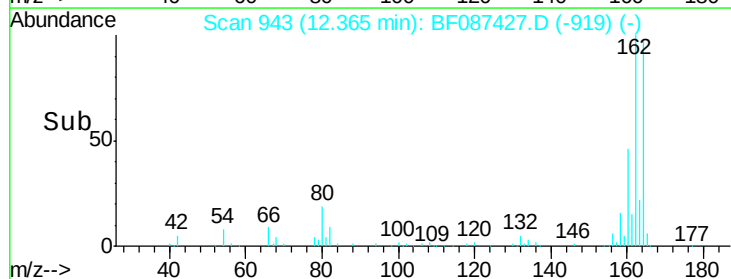
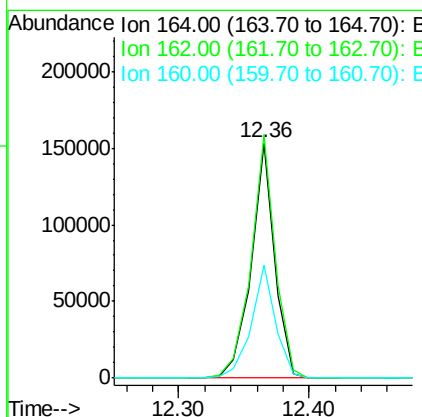
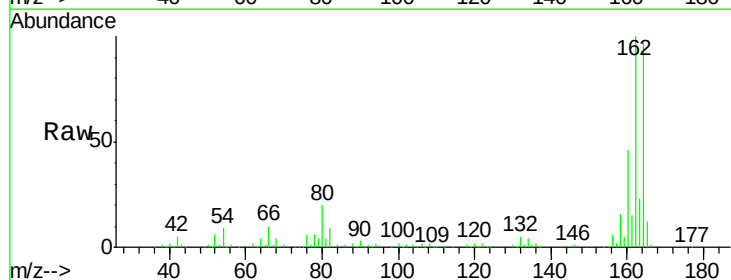
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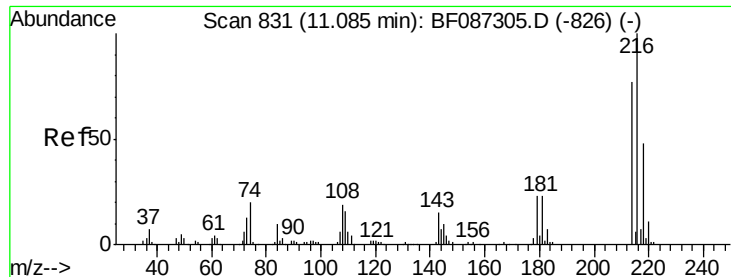
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	48.0	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.94 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

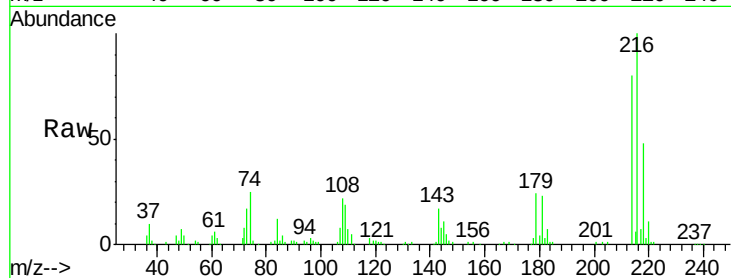
ClientSampled :

PB90852BS

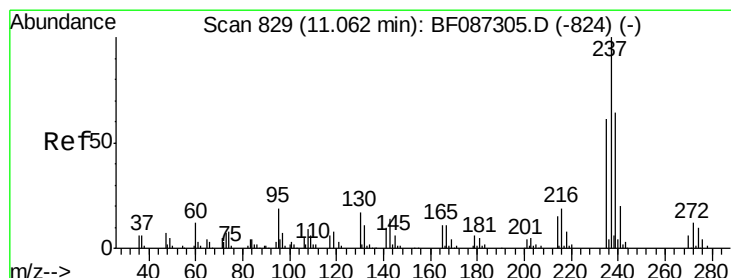
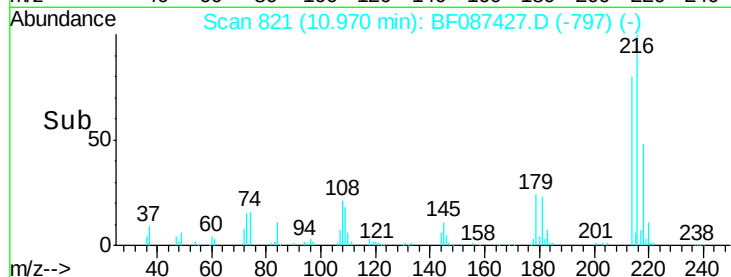
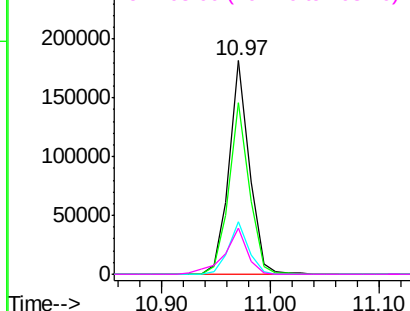
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		234328		
214	80.2		62.6	93.8	
179	23.8		18.2	27.4	
108	24.3		17.5	26.3	

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



#40

Hexachlorocyclopentadiene

Concen: 68.45 ng

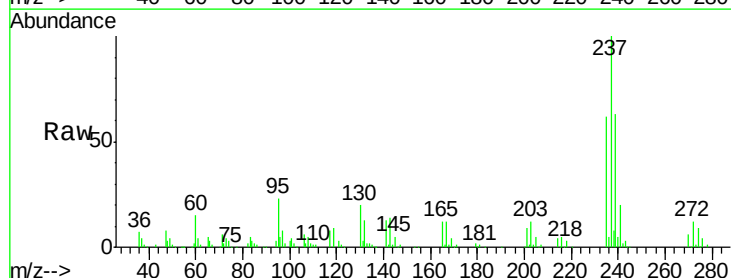
RT: 10.95 min Scan# 819

Delta R.T. -0.01 min

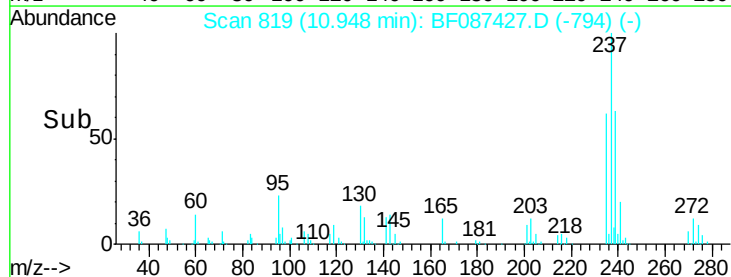
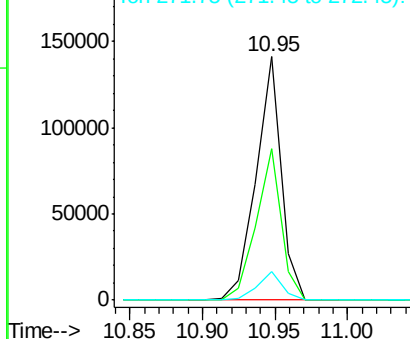
Lab File: BF087427.D

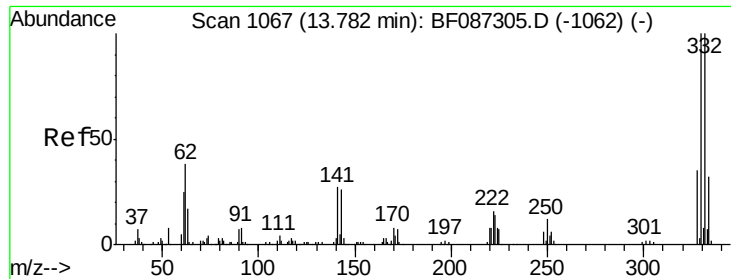
Acq: 27 May 2016 1:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		170058		
235	62.0		47.2	87.2	
272	11.8		0.0	31.1	



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





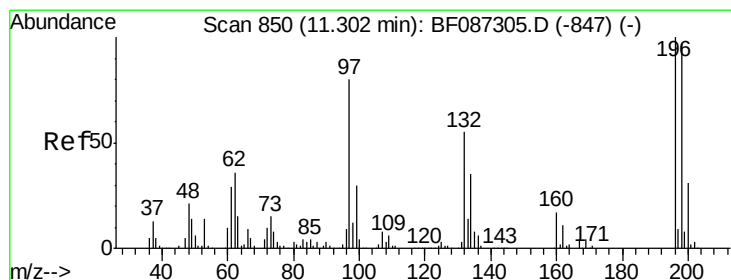
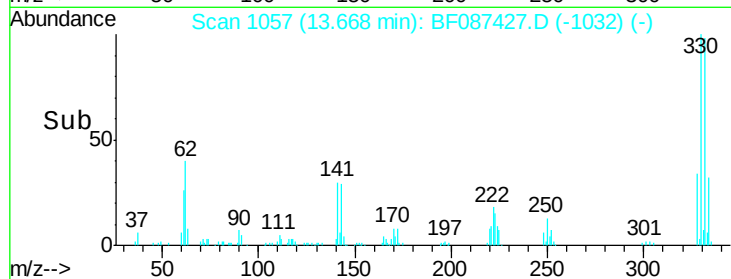
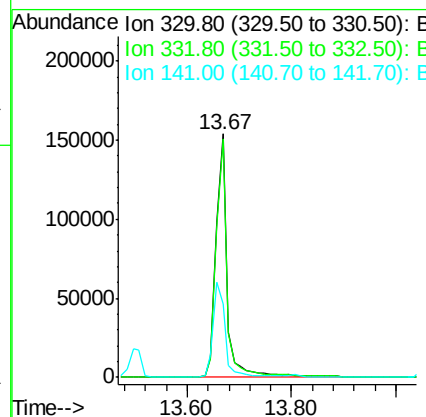
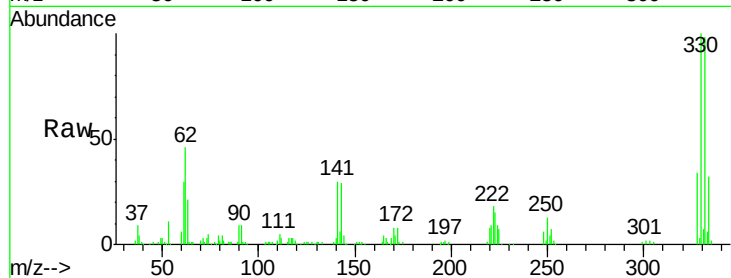
#41
 2,4,6-Tribromophenol
 Concen: 124.55 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	79.0	118.4	
141	42.3	31.2	46.8	

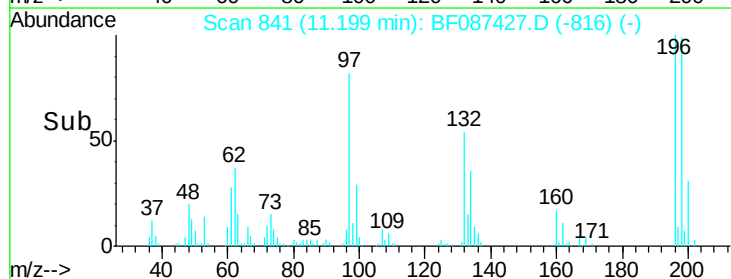
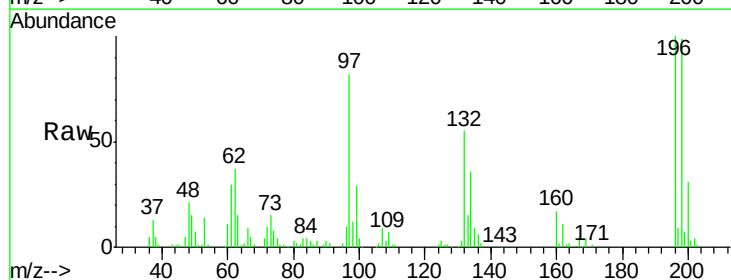
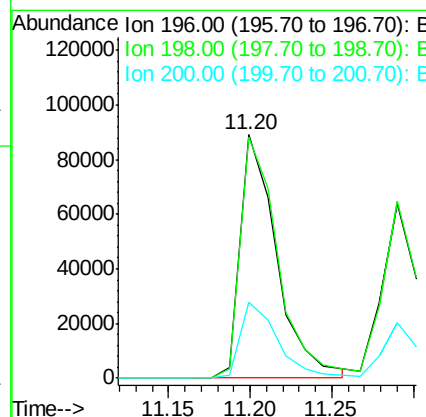
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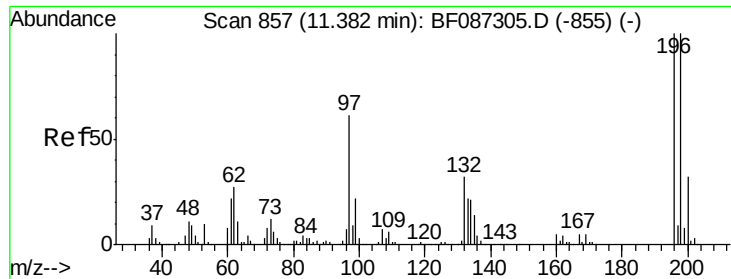
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#42
 2,4,6-Trichlorophenol
 Concen: 38.50 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.0	74.7	112.1	
200	31.0	23.8	35.6	





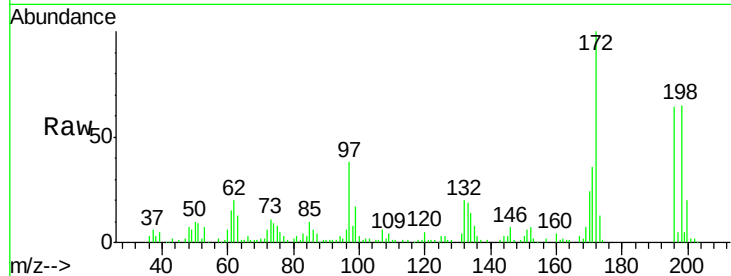
#43
2,4,5-Trichlorophenol
Concen: 39.13 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142070		
198	101.8	77.5	116.3	
97	60.3	34.8	52.2	
132	31.6	23.0	34.4	

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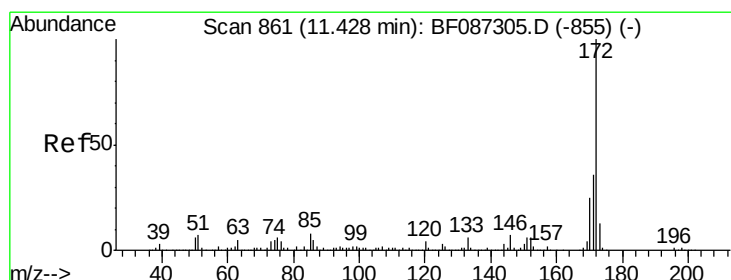
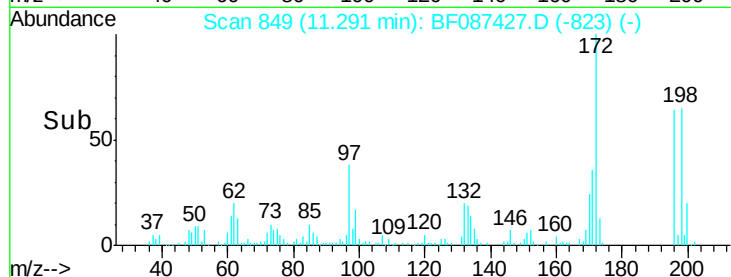
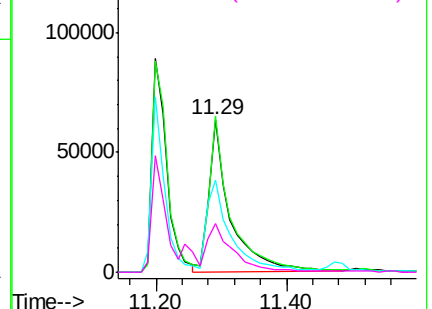
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 81.07 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

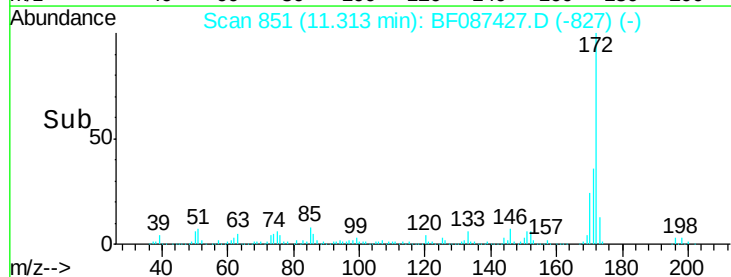
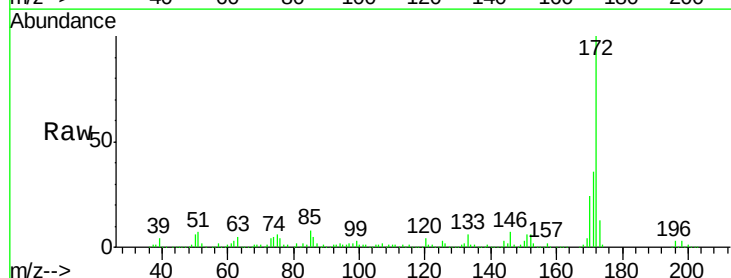
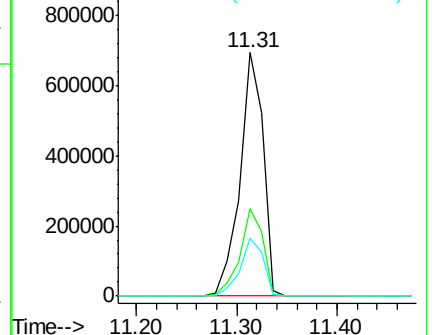
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1109640		
171	36.0	29.0	43.6	
170	24.1	19.8	29.8	

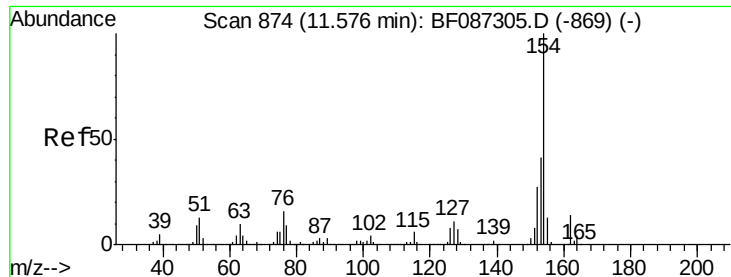
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





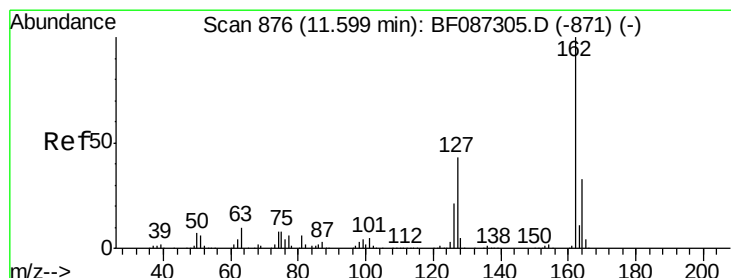
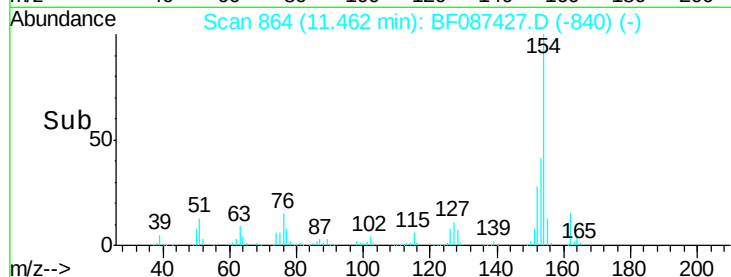
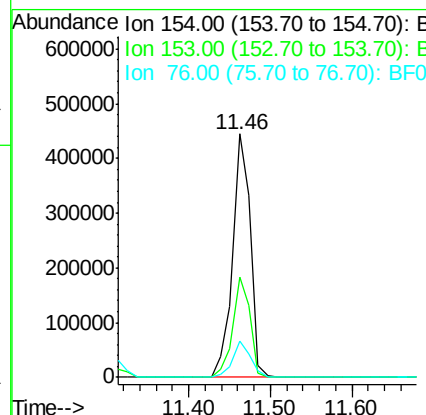
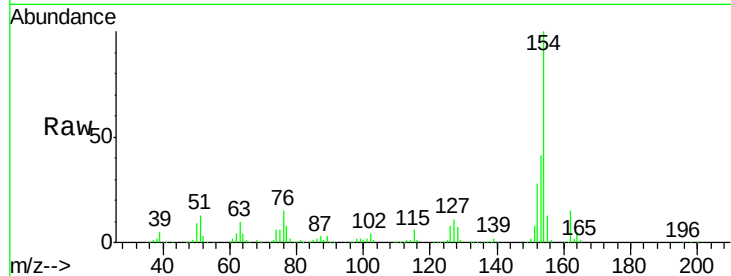
#45
 1,1'-Biphenyl
 Concen: 41.17 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion:	154	Resp:	668928
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.3	60.3
76	14.8	0.0	30.2

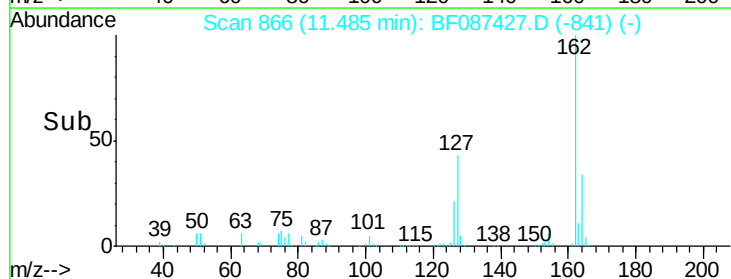
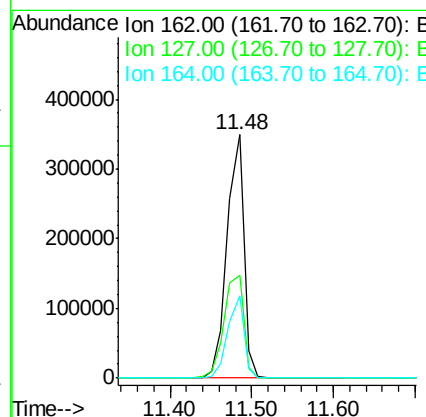
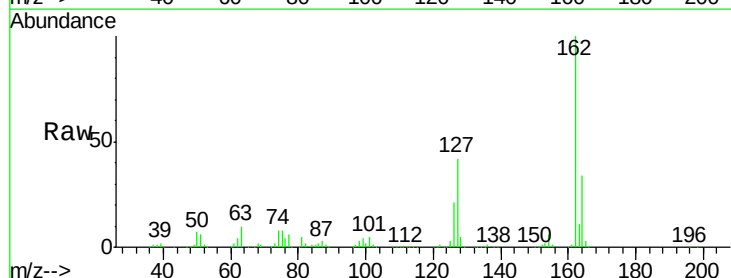
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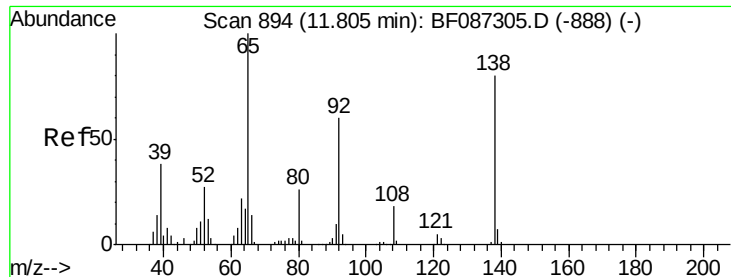
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#46
 2-Chloronaphthalene
 Concen: 40.43 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion:	162	Resp:	502518
Ion Ratio	Lower	Upper	
162	100		
127	42.5	31.8	47.6
164	33.6	27.0	40.6





#47

2-Nitroaniline

Concen: 45.53 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

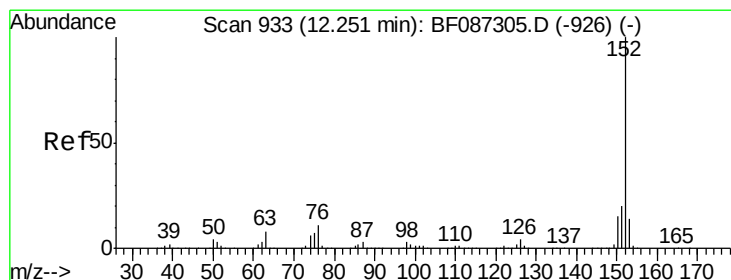
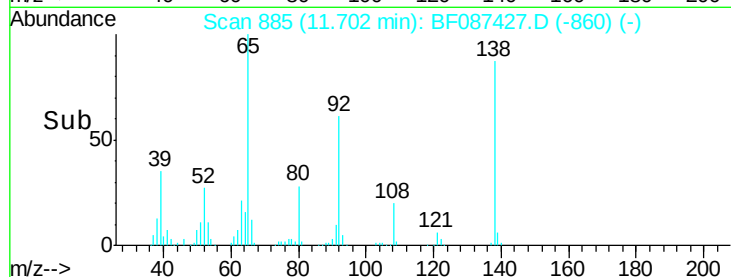
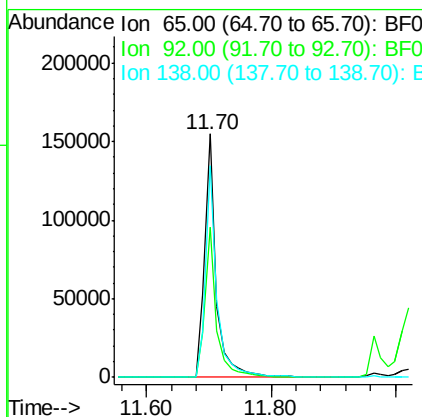
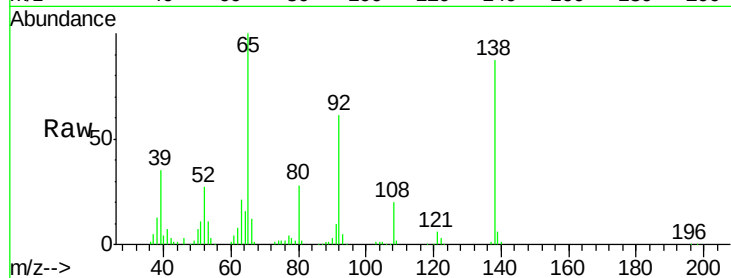
PB90852BS

Tot Ion: 65 Resp: 203878
Ion Ratio Lower Upper

65	100		
92	61.5	57.4	86.2
138	86.7	90.1	135.1#

Manual Integrations
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#48

Acenaphthylene

Concen: 41.09 ng

RT: 12.14 min Scan# 923

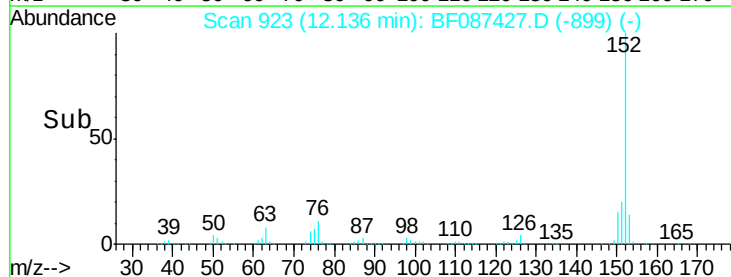
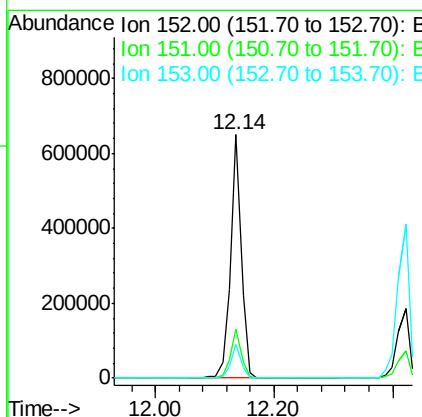
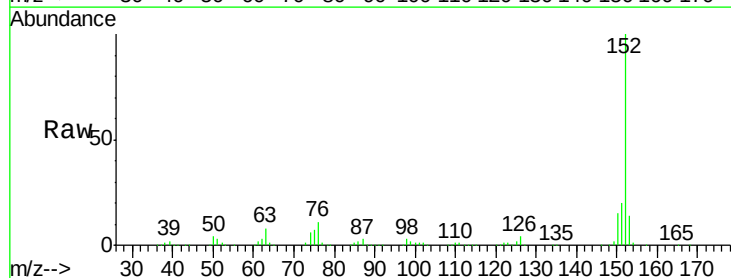
Delta R.T. -0.02 min

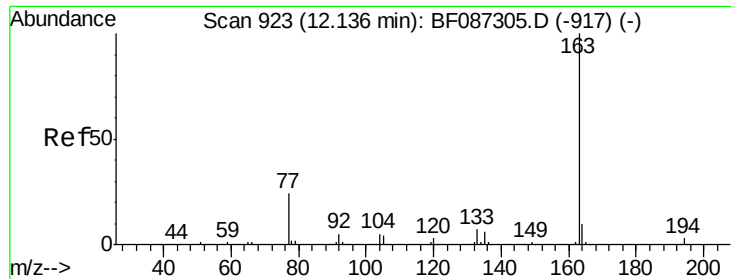
Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion: 152 Resp: 808543
Ion Ratio Lower Upper

152	100		
151	20.4	16.8	25.2
153	13.7	10.9	16.3





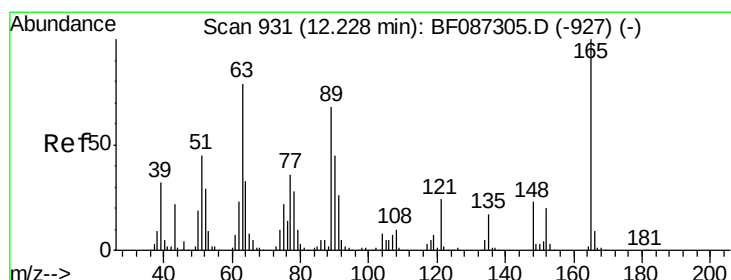
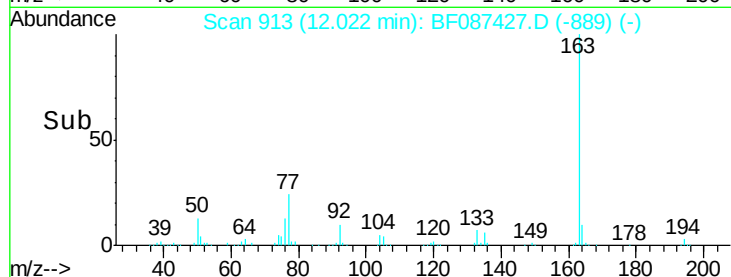
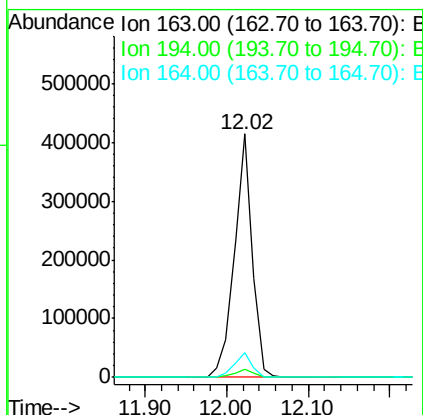
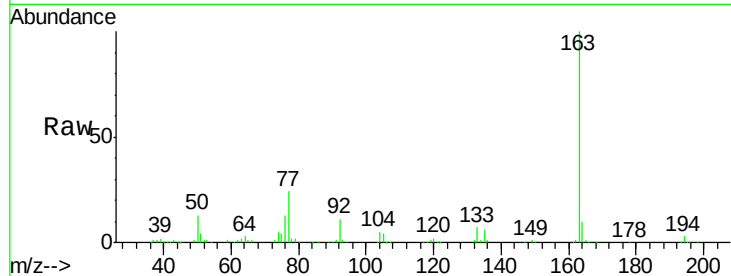
#49
Dimethylphthalate
Concen: 40.50 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampled :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	625986		
194	3.2		2.6	4.0
164	10.1		8.2	12.4

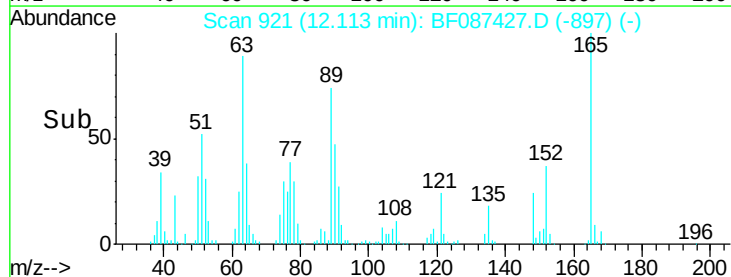
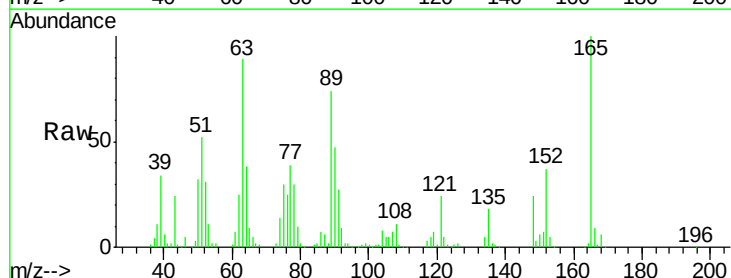
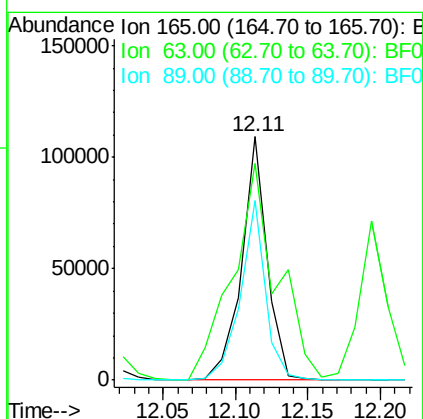
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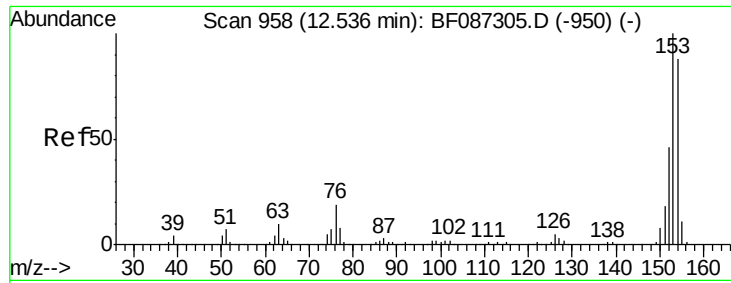
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#50
2,6-Dinitrotoluene
Concen: 42.53 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132481		
63	89.0		51.8	77.8#
89	73.7		50.7	76.1





#51

Acenaphthene

Concen: 41.26 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087427.D

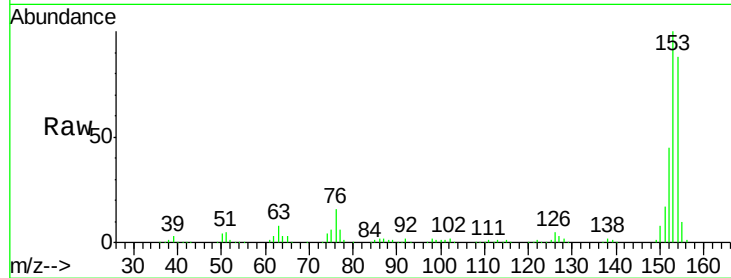
Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampled :

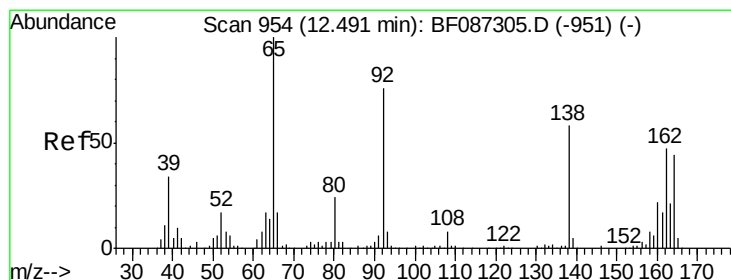
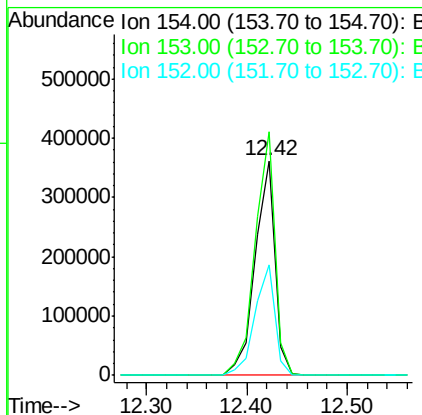
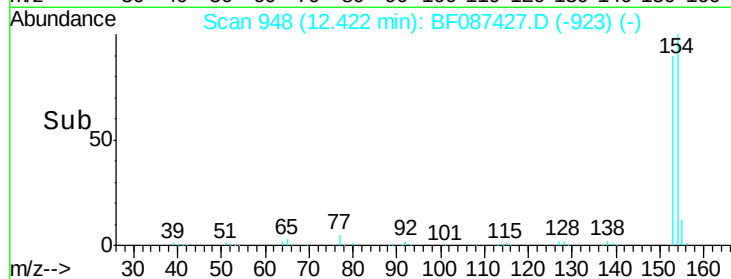
PB90852BS



Tot Ion:	154	Resp:	499088
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.8	134.6
152	51.2	43.4	65.0

Manual Integrations
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#52

3-Nitroaniline

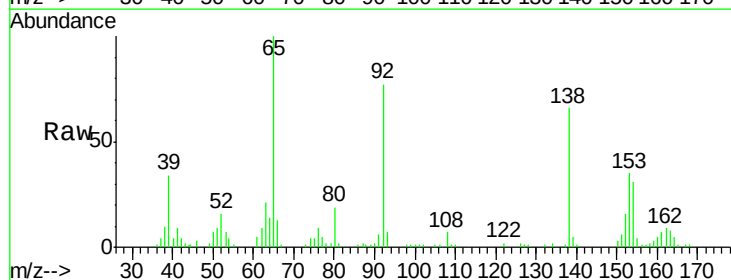
Concen: 22.13 ng

RT: 12.39 min Scan# 945

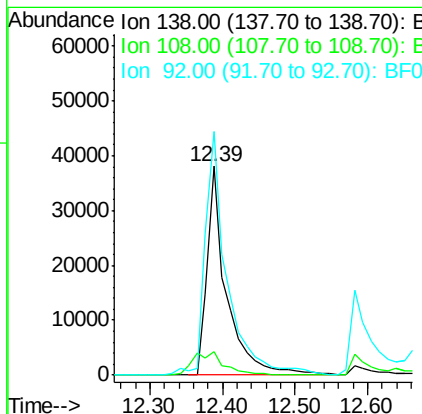
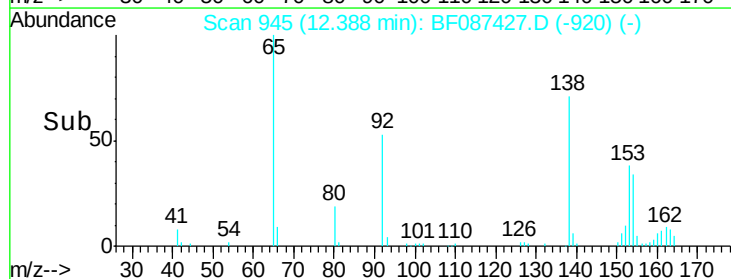
Delta R.T. -0.01 min

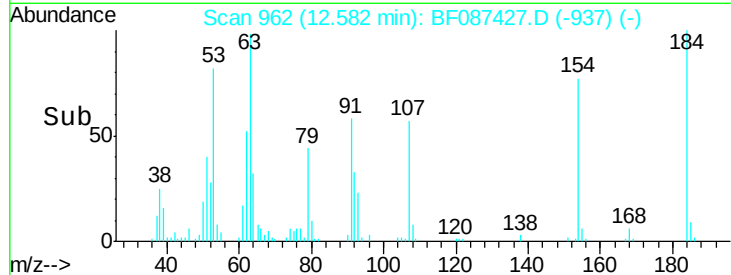
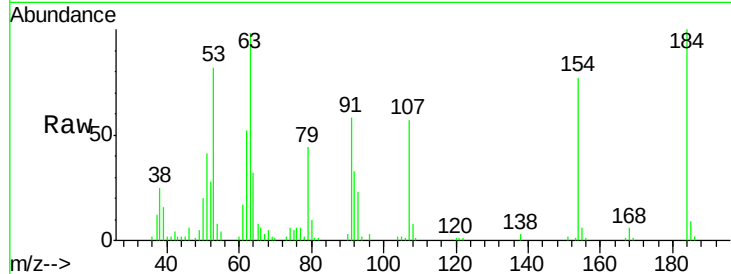
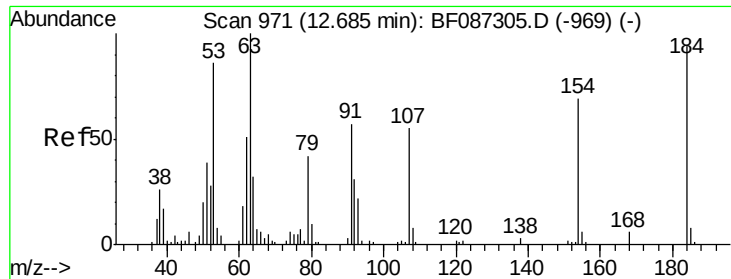
Lab File: BF087427.D

Acq: 27 May 2016 1:52



Tgt Ion:	138	Resp:	70732
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	116.8	87.8	131.8





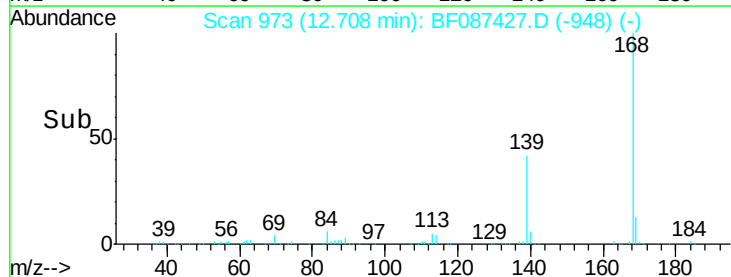
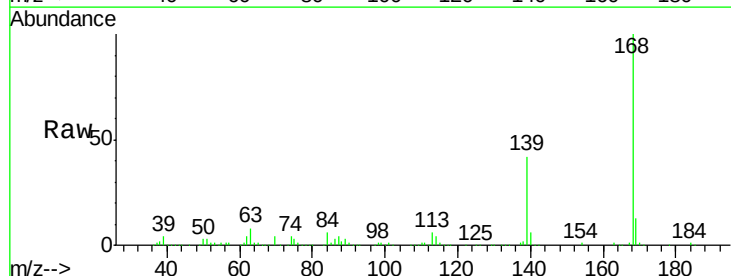
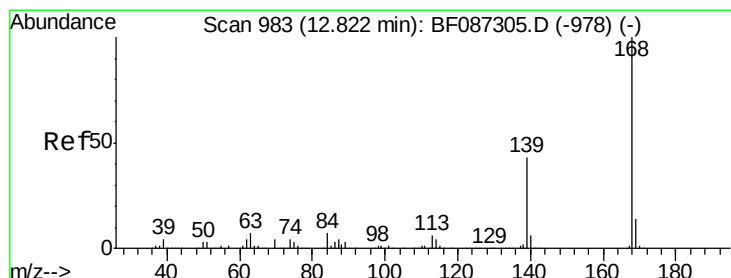
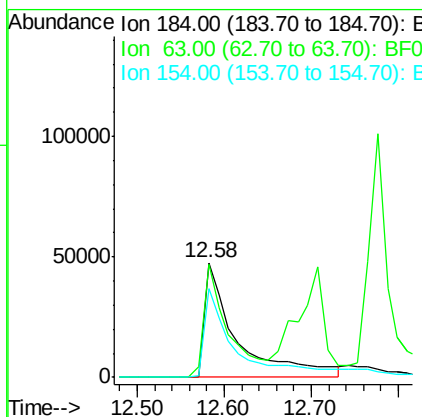
#53
2,4-Dinitrophenol
Concen: 77.32 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tot Ion	Ratio	Resp	Lower	Upper
184	100	122882		
63	98.1	55.8	83.8#	
154	77.3	62.4	93.6	

Instrument :
BNA_F
ClientSampled :
PB90852BS

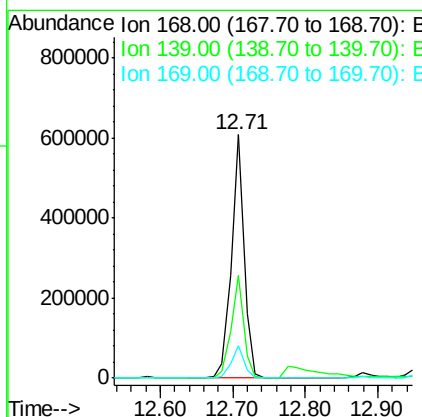
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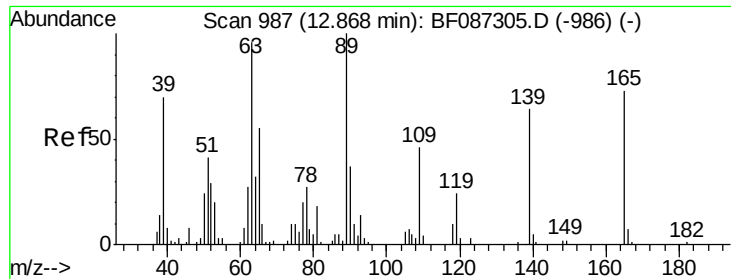
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#54
Dibenzofuran
Concen: 45.13 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	739106		
139	42.3	31.4	47.0	
169	13.2	10.7	16.1	





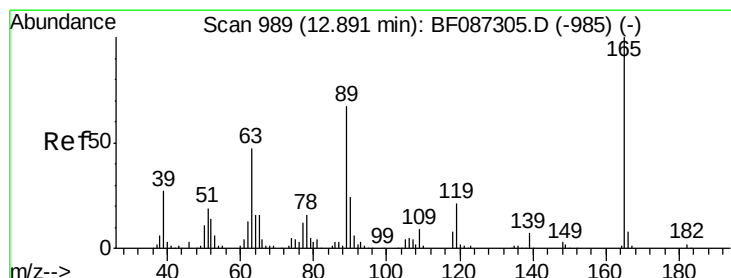
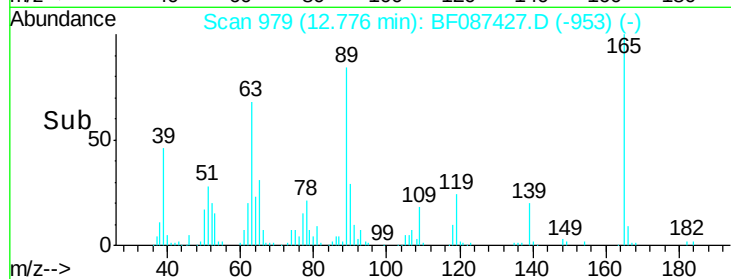
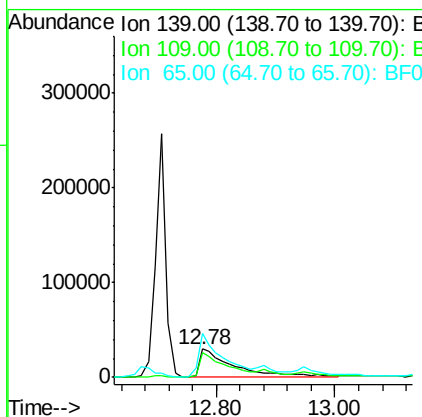
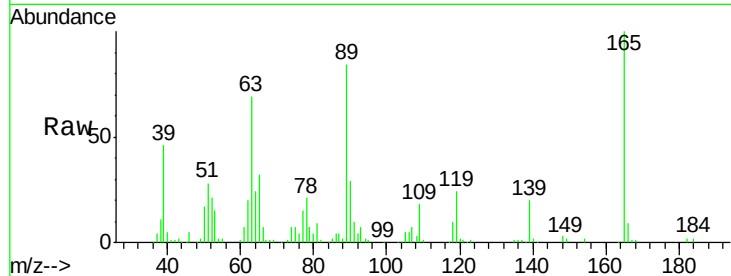
#55
4-Nitrophenol
Concen: 75.97 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	90.5	36.9	76.9#	
65	158.1	64.0	104.0#	

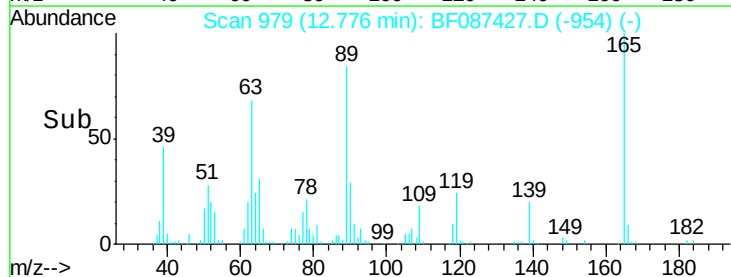
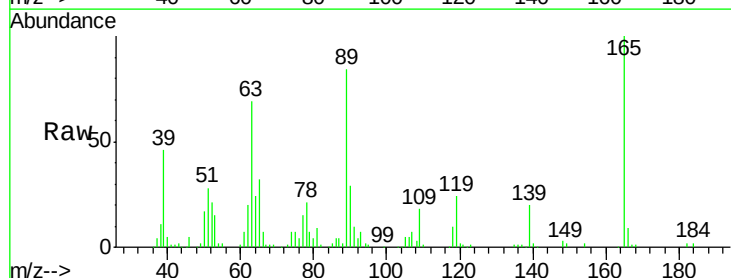
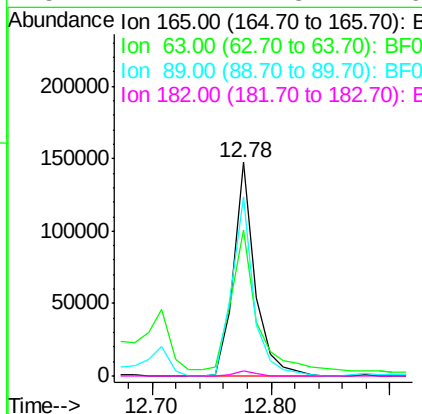
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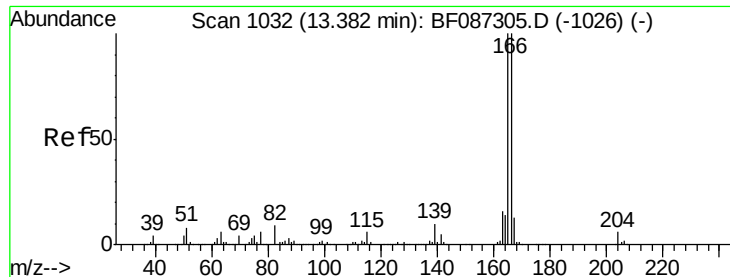
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#56
2,4-Dinitrotoluene
Concen: 44.85 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.5	44.3	66.5#	
89	83.9	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 42.10 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

Tot Ion:166 Resp: 597768

Ion Ratio Lower Upper

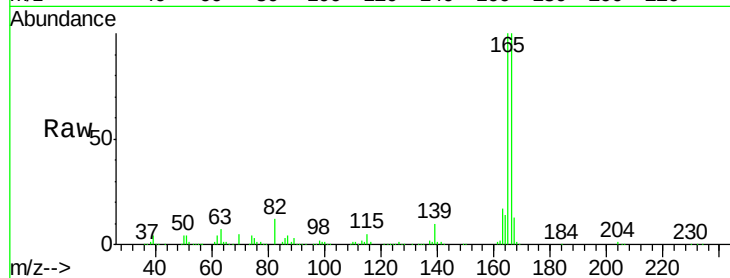
166 100

165 100.1 79.0 118.6

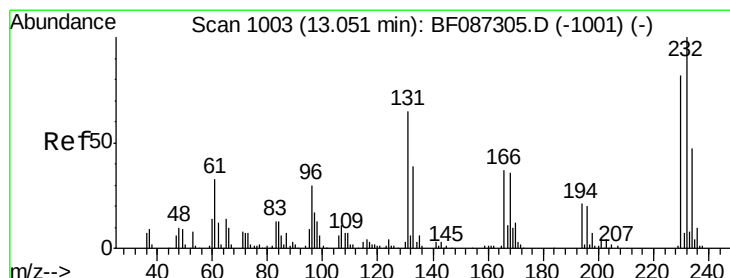
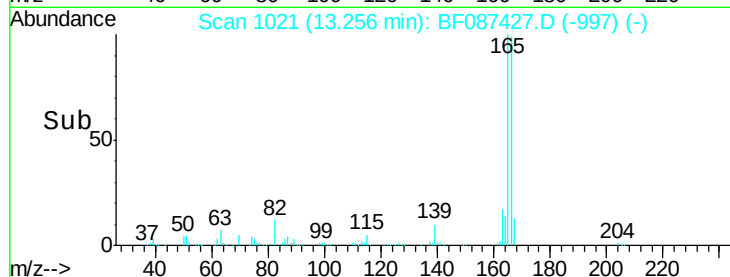
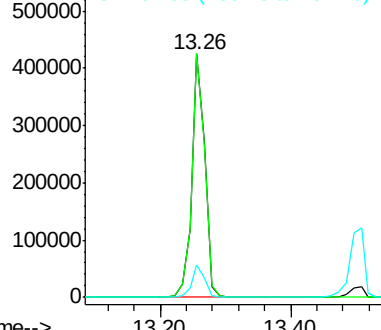
167 13.4 10.6 15.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.79 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion:232 Resp: 127902

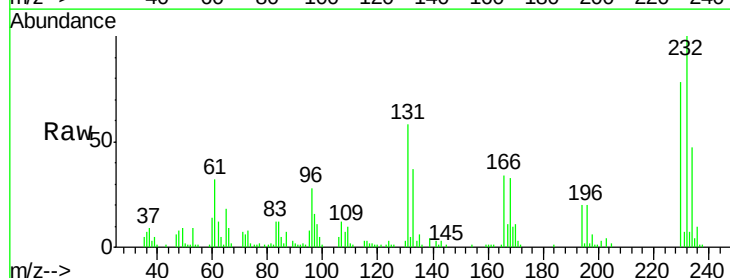
Ion Ratio Lower Upper

232 100

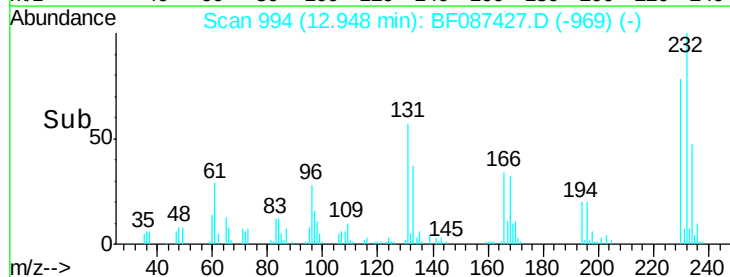
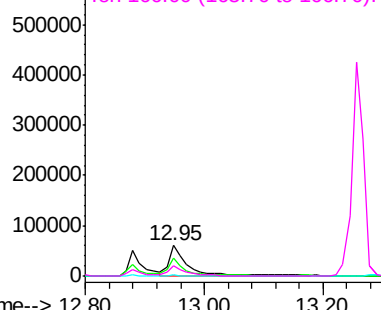
131 53.9 41.9 62.9

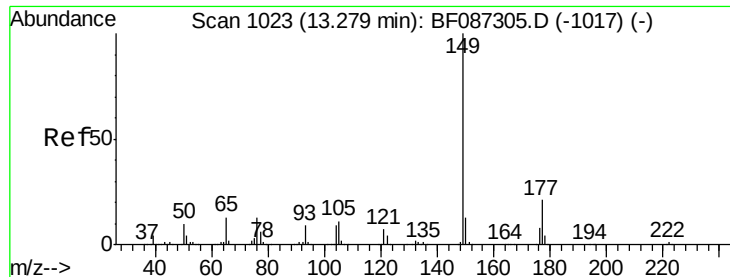
130 2.8 2.2 3.4

166 32.2 26.8 40.2



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





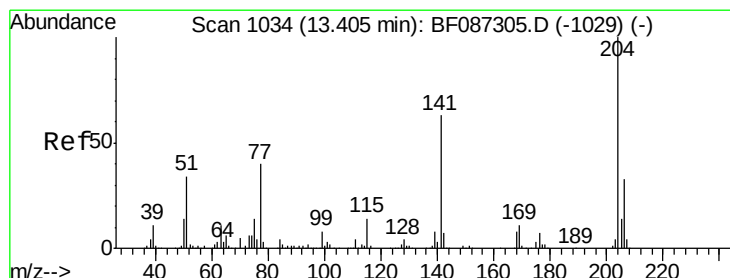
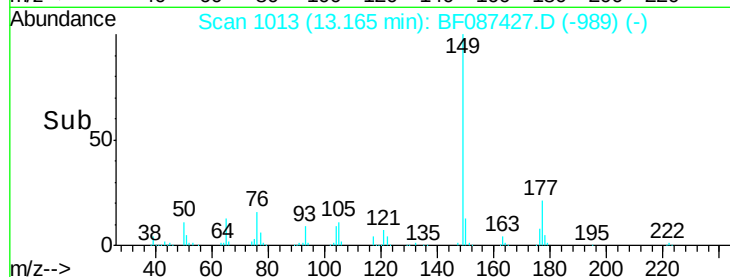
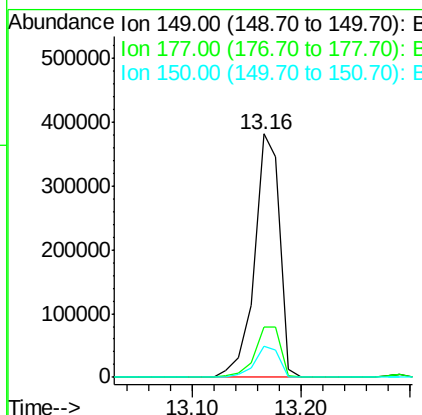
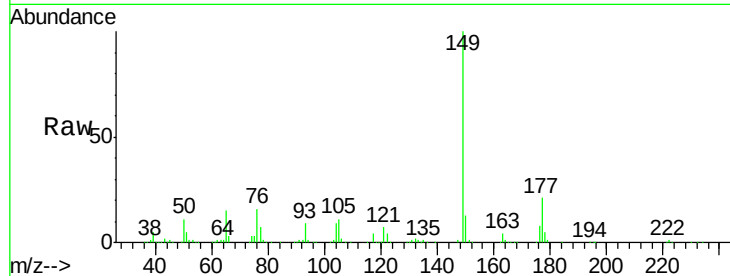
#59
Diethylphthalate
Concen: 41.04 ng
RT: 13.16 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	616823		
177	20.6	16.6	24.8	
150	12.8	10.0	15.0	

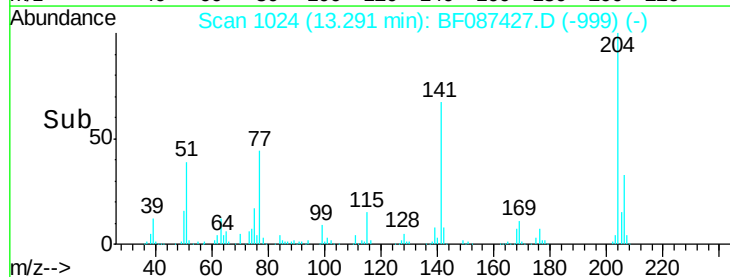
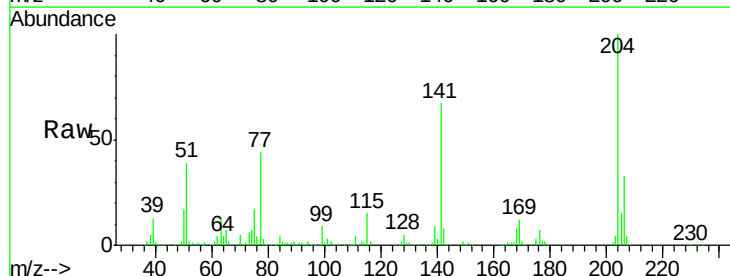
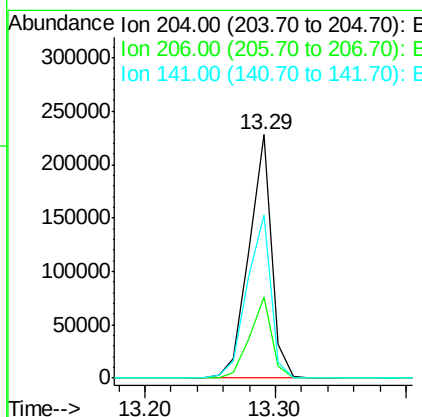
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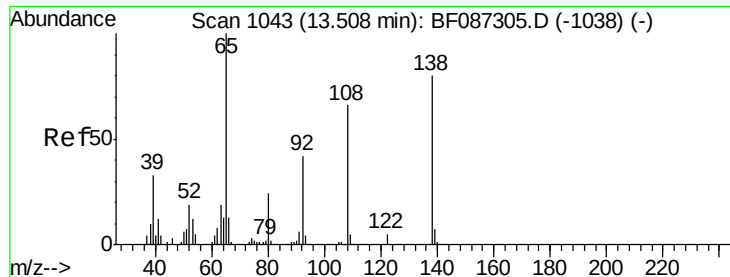
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#60
4-Chlorophenyl-phenylether
Concen: 39.64 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	274510		
206	33.0	25.4	38.0	
141	66.8	61.6	92.4	





#61

4-Nitroaniline

Concen: 43.82 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

Tot Ion:138 Resp: 130752

Ion Ratio Lower Upper

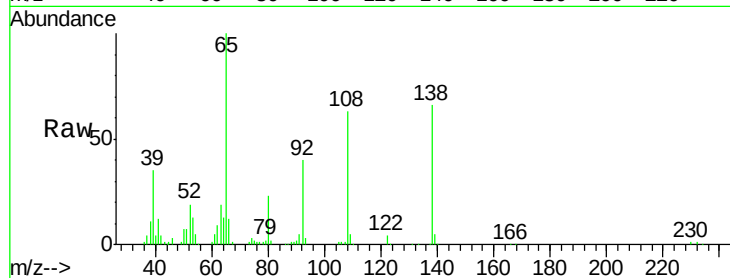
138 100

92 59.8 24.7 64.7

108 94.7 37.4 77.4#

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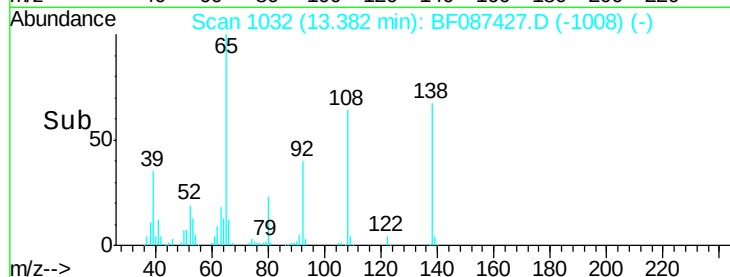


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



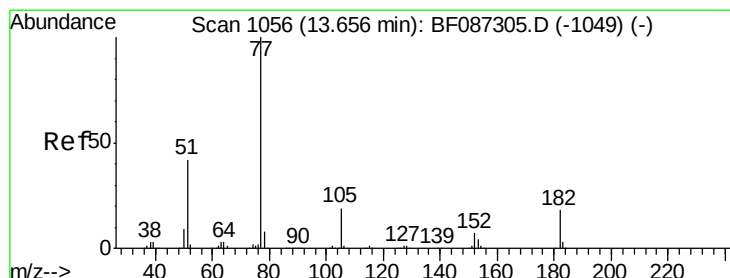
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



#62

Azobenzene

Concen: 46.62 ng

RT: 13.54 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion: 77 Resp: 726804

Ion Ratio Lower Upper

77 100

182 17.8 0.0 38.8

105 19.1 3.2 43.2

51 44.2 8.8 48.8

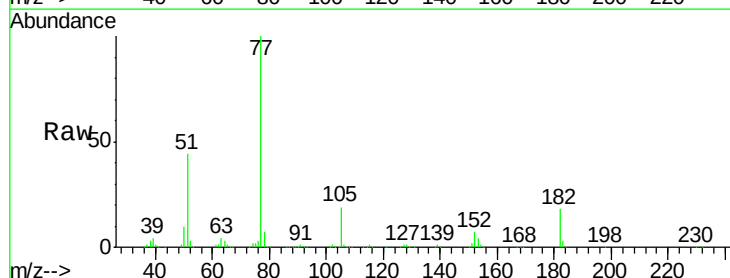
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Abundance

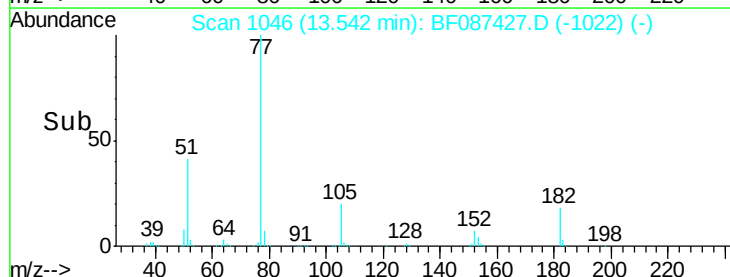
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

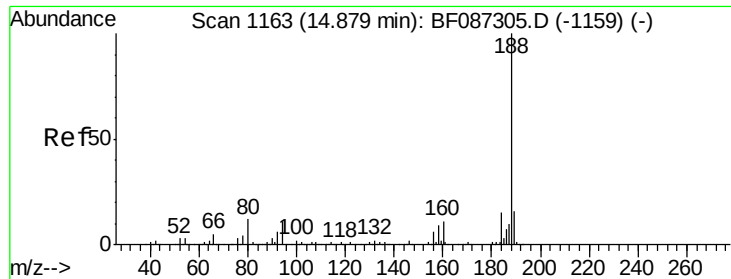
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

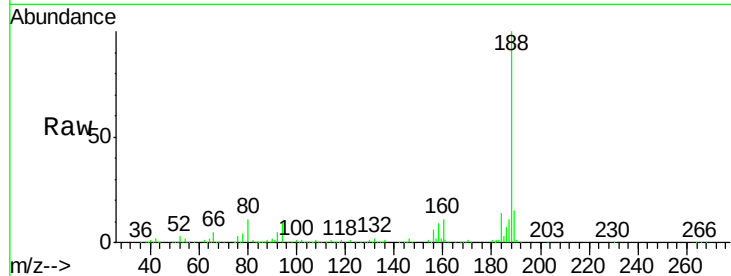
ClientSampleId :

PB90852BS

Tot Ion:188	Resp:	376079
Ion Ratio	Lower	Upper
188 100		
94 9.5	6.8	10.2
80 10.8	7.1	10.7#

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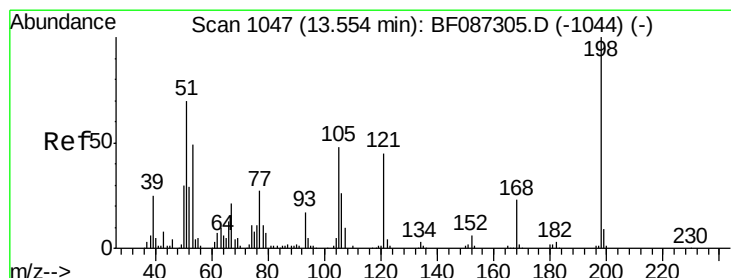
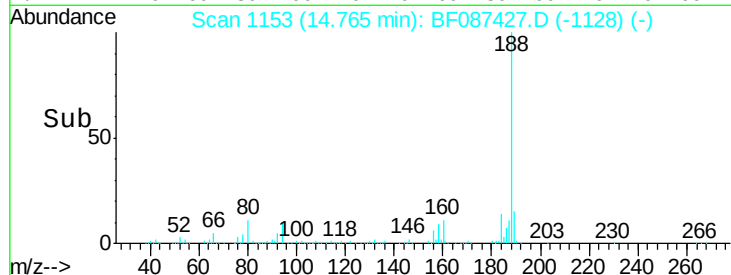
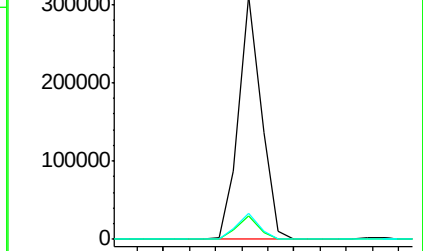
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.45 ng

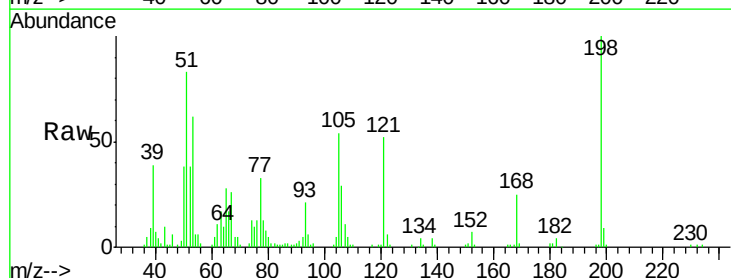
RT: 13.44 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

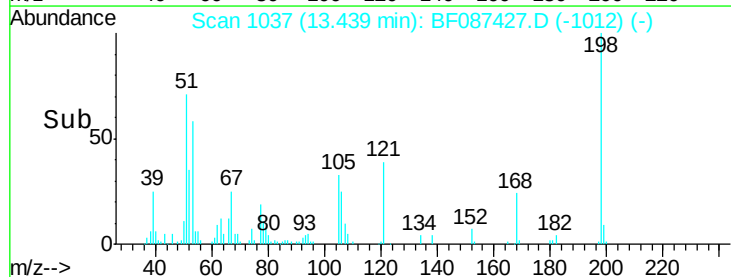
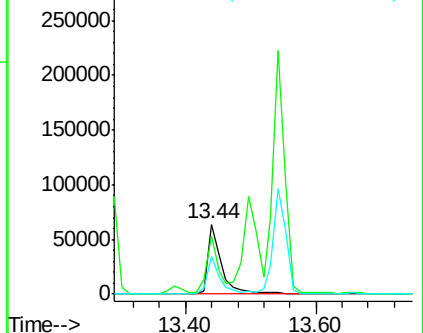
Tgt Ion:198	Resp:	96738
Ion Ratio	Lower	Upper
198 100		
51 82.7	20.5	60.5#
105 54.3	24.5	64.5

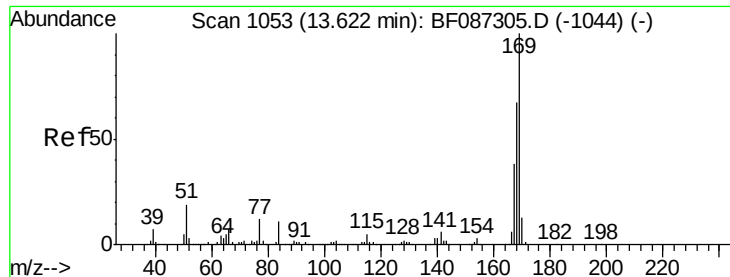


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





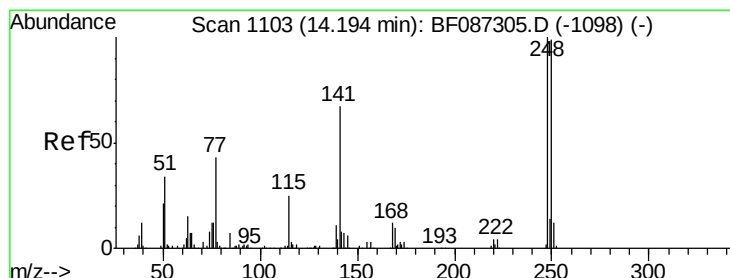
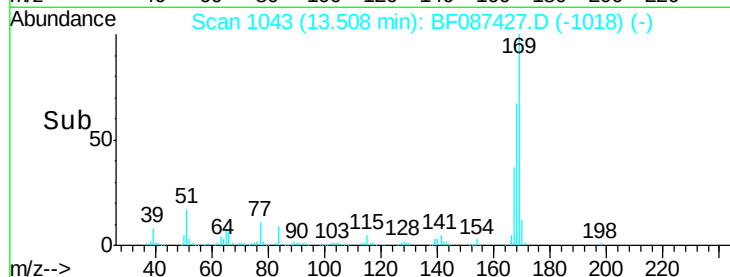
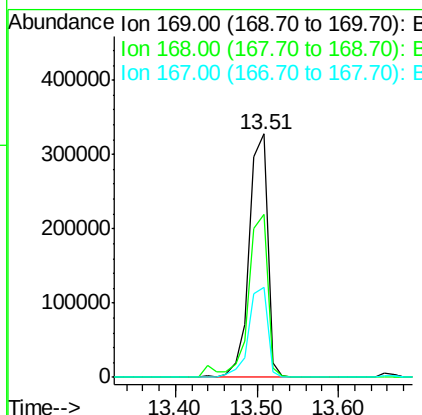
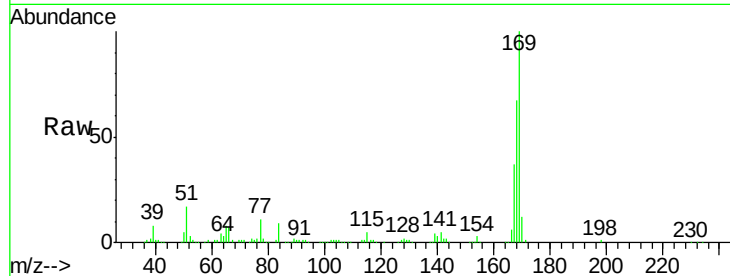
#65
n-Nitrosodiphenylamine
Concen: 42.01 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	510974		
168	67.2		53.8	80.6
167	36.9		29.5	44.3

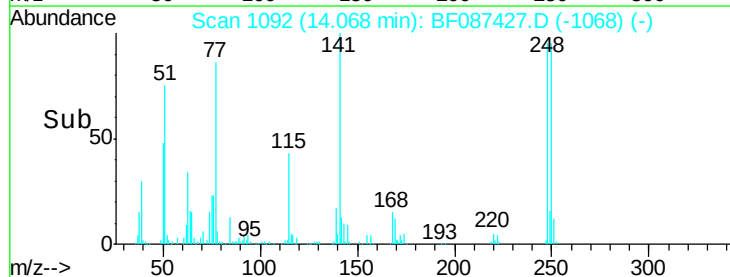
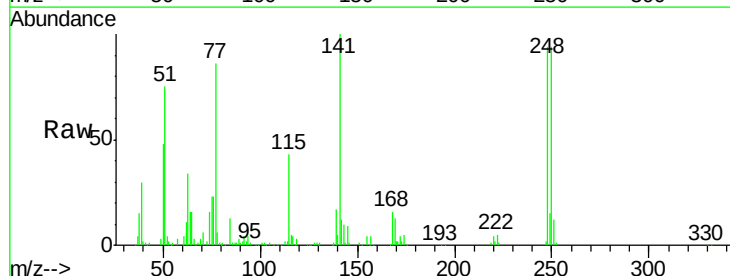
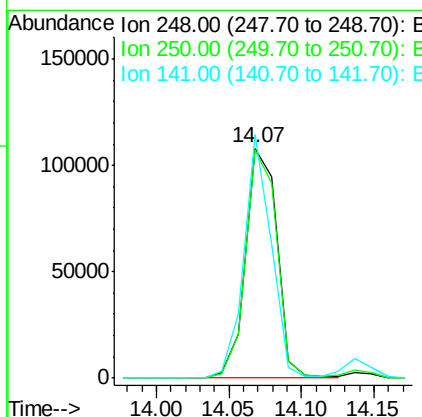
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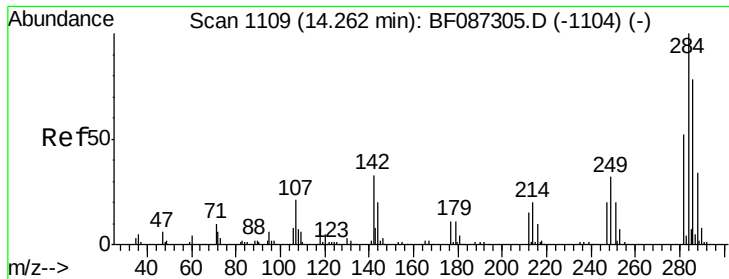
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#66
4-Bromophenyl-phenylether
Concen: 39.53 ng
RT: 14.07 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	162621		
250	99.5		78.6	117.8
141	105.9		76.0	114.0





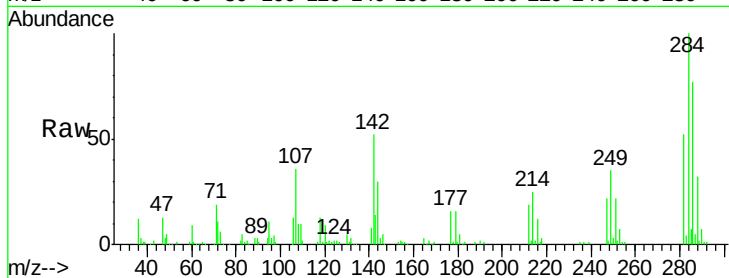
#67
Hexachlorobenzene
Concen: 39.58 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampled :
PB90852BS

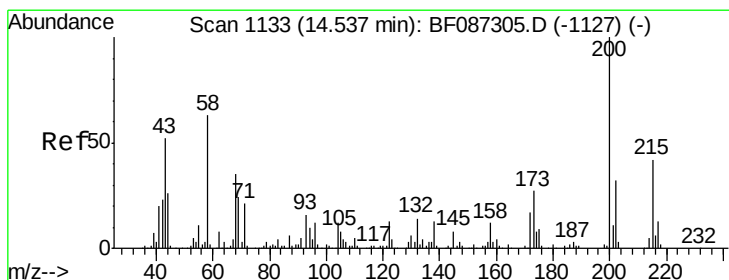
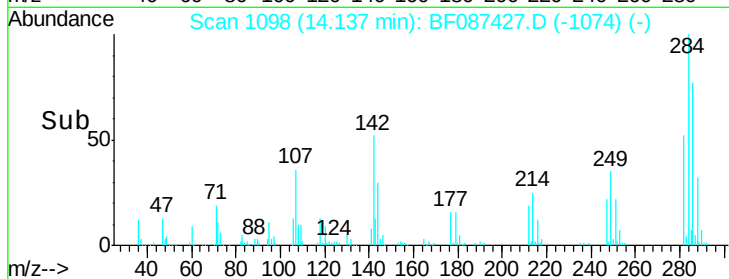
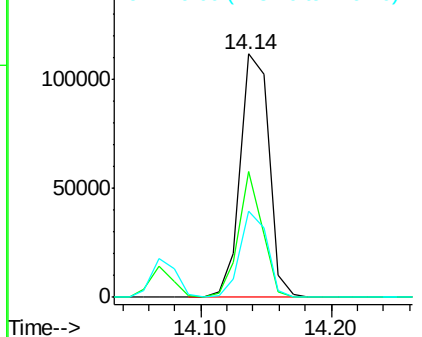
Tot Ion	Ratio	Resp	Lower	Upper
284	100	170320		
142	51.9	16.7	25.1#	
249	35.4	21.3	31.9#	

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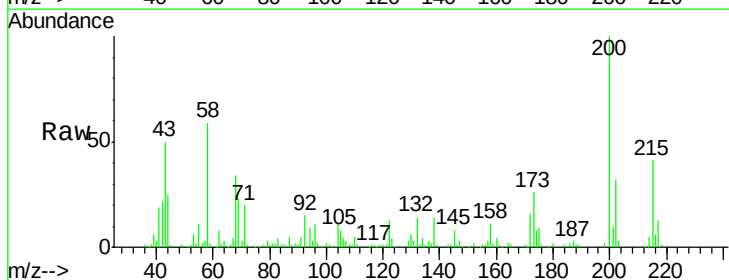


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

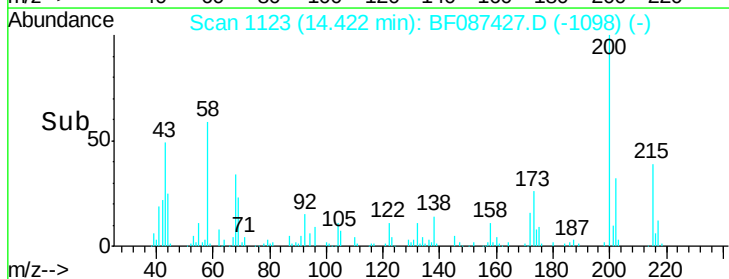
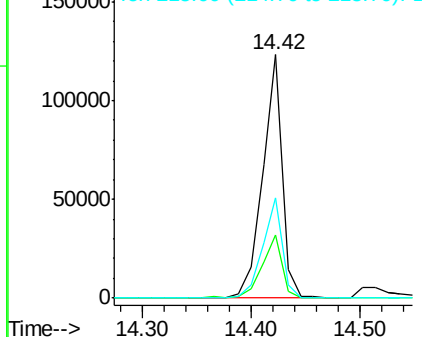


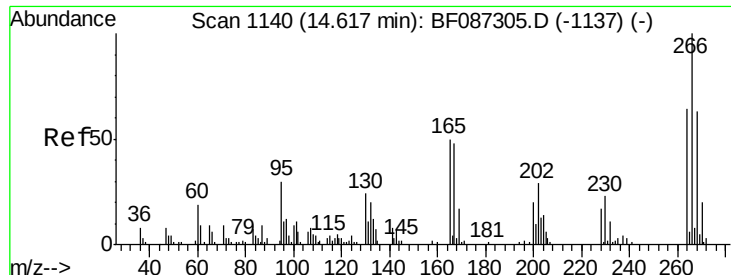
#68
Atrazine
Concen: 39.85 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	154507		
173	25.8	8.5	48.5	
215	41.1	27.2	67.2	



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





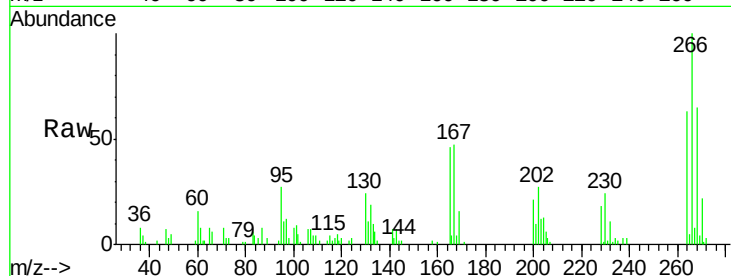
#69
 Pentachlorophenol
 Concen: 63.66 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

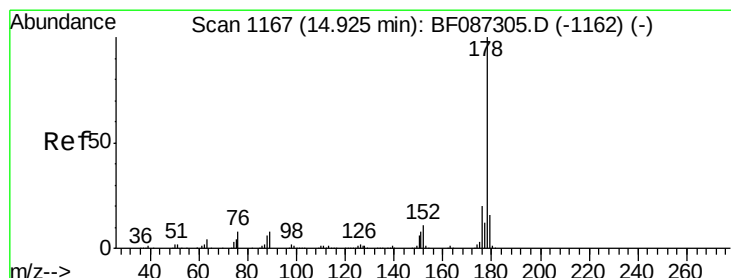
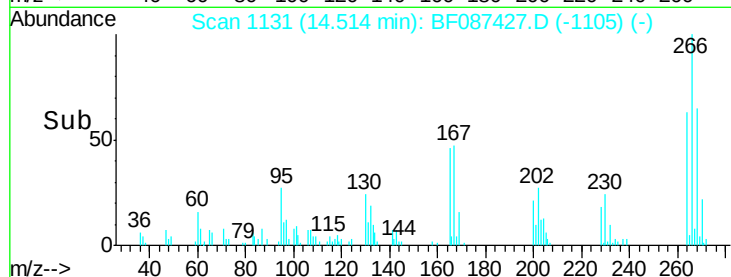
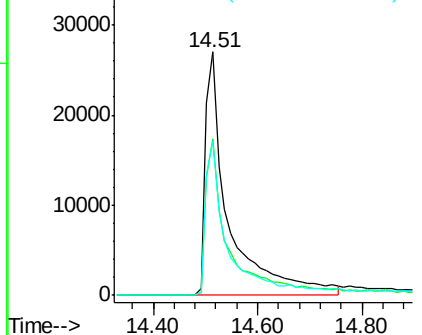
Tot Ion	Ratio	Resp	Lower	Upper
266	100	83299		
268	64.6		51.5	77.3
264	63.2		52.9	79.3

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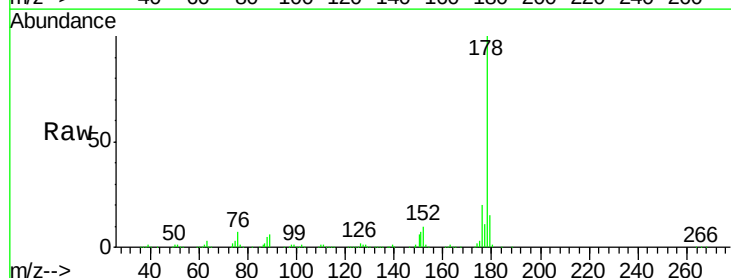


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

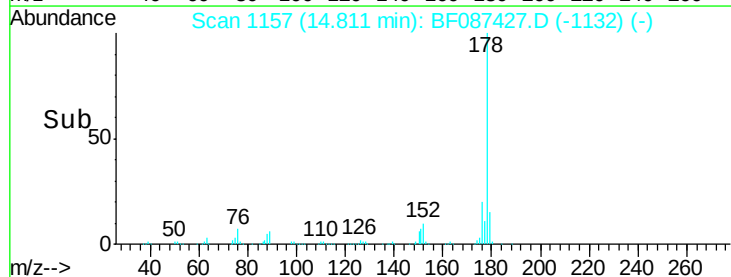
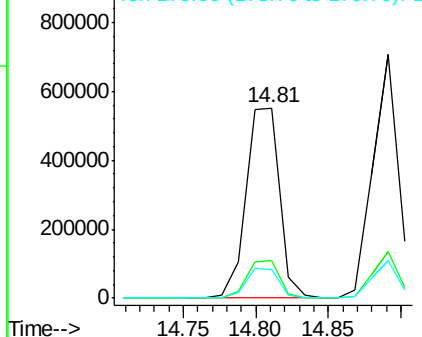


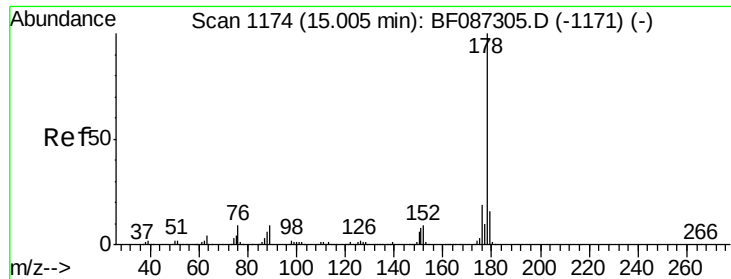
#70
 Phenanthrene
 Concen: 42.34 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	881927		
176	19.7		16.0	24.0
179	14.9		12.6	18.8



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





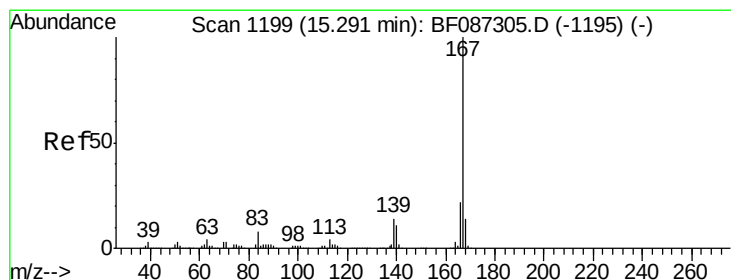
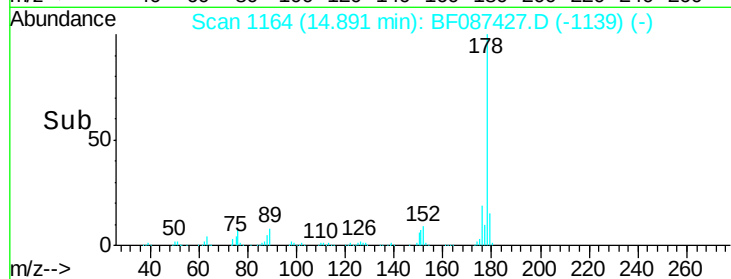
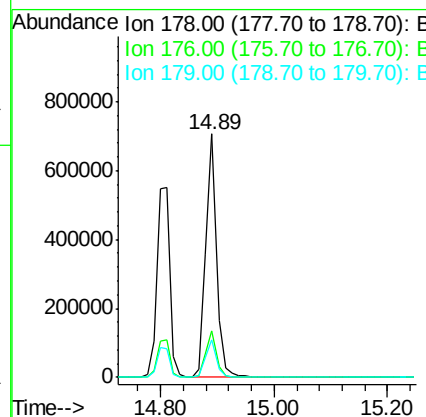
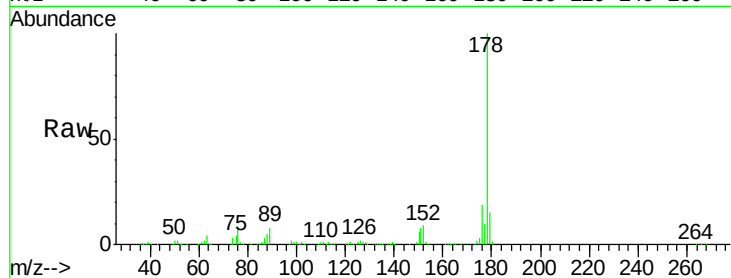
#71
 Anthracene
 Concen: 42.85 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.4	12.7	19.1

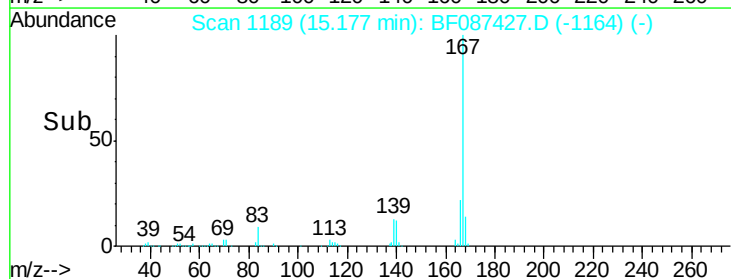
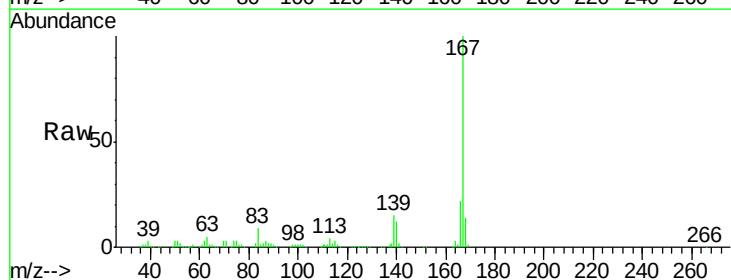
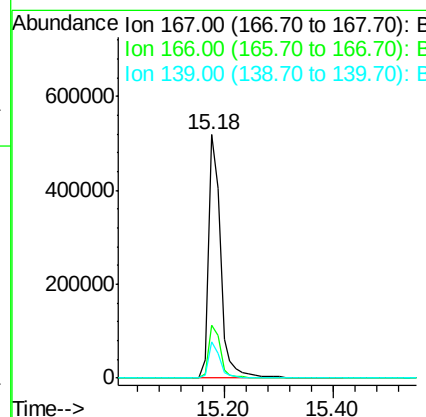
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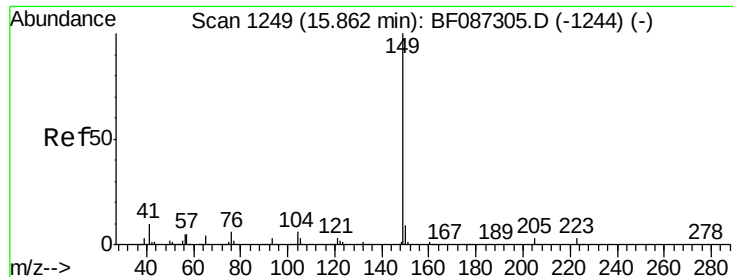
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#72
 Carbazole
 Concen: 44.08 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	15.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 40.65 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

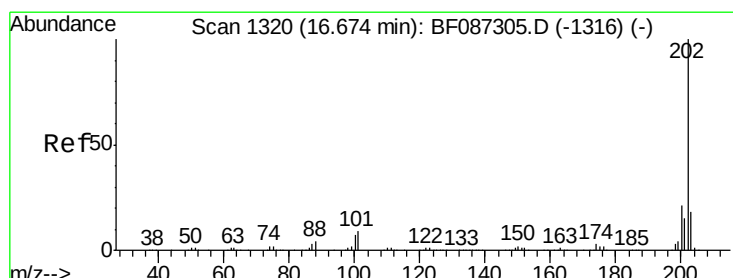
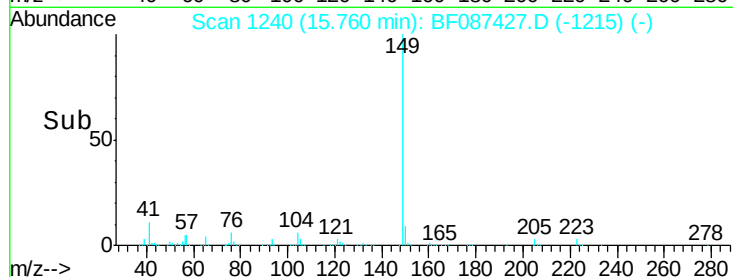
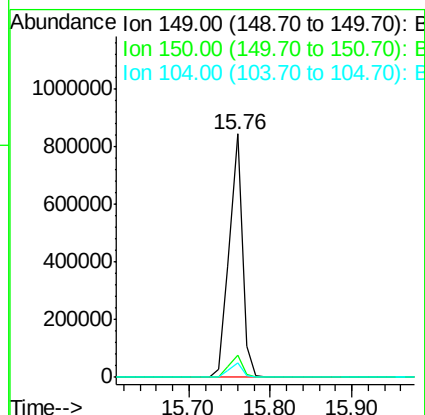
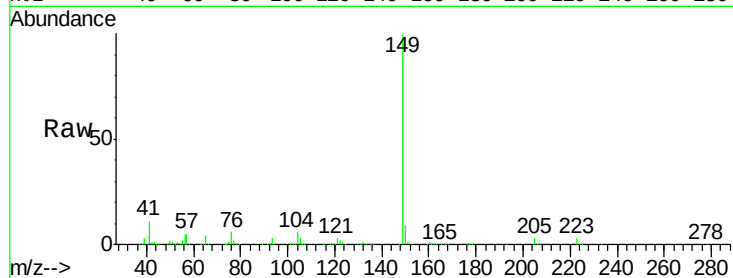
ClientSampled :

PB90852BS

Tot Ion:	149	Resp:	943474
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	6.0	3.8	5.6#

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#74

Fluoranthene

Concen: 42.82 ng

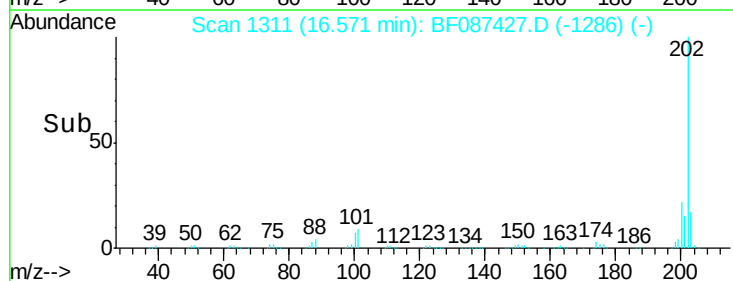
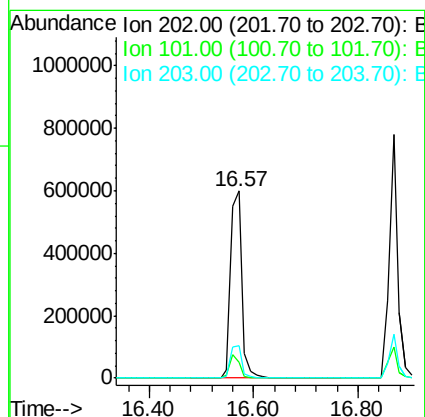
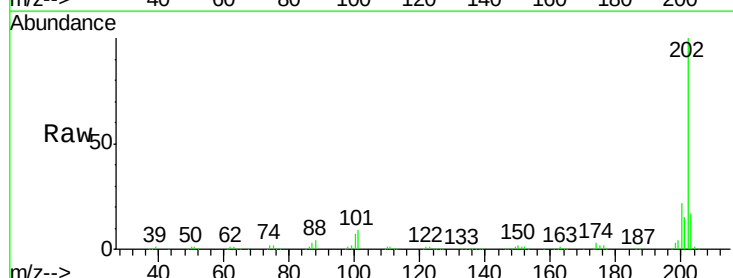
RT: 16.57 min Scan# 1311

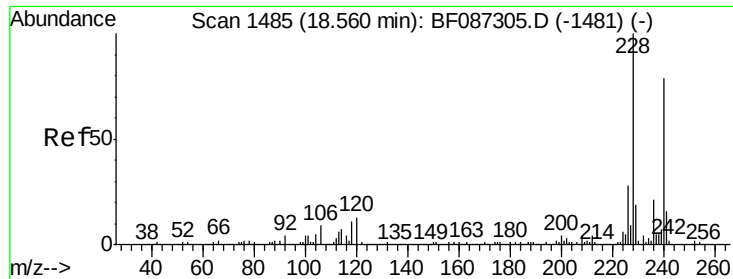
Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion:	202	Resp:	894400
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	35.4
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

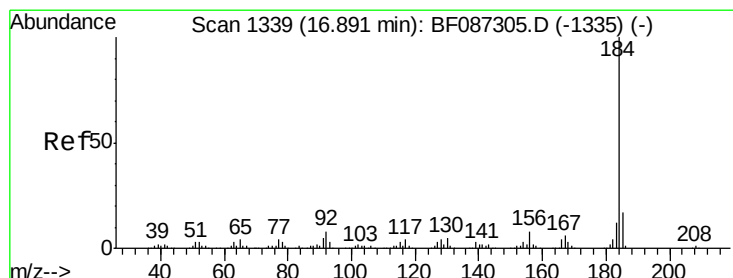
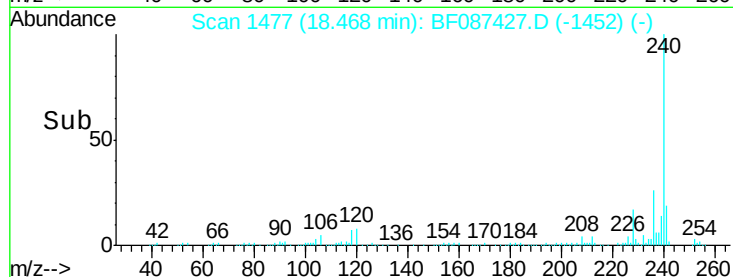
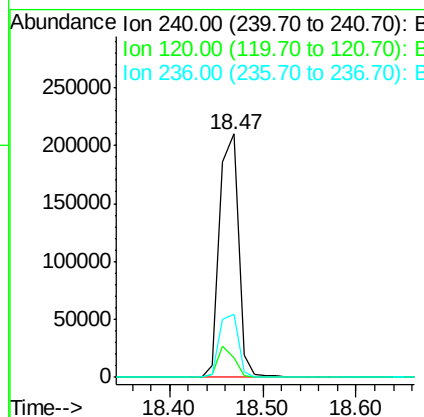
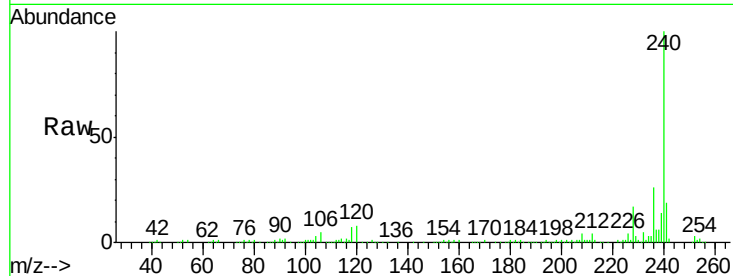
ClientSampleId :

PB90852BS

Tot Ion:	240	Resp:	296295
Ion Ratio	Lower	Upper	
240	100		
120	7.8	11.2	16.8#
236	25.9	21.2	31.8

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#76

Benzidine

Concen: 27.03 ng

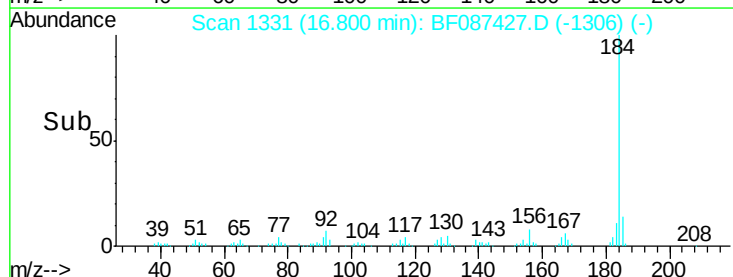
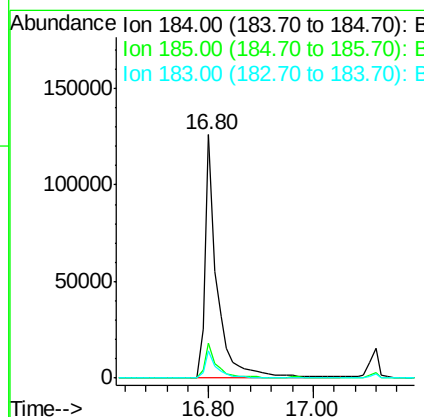
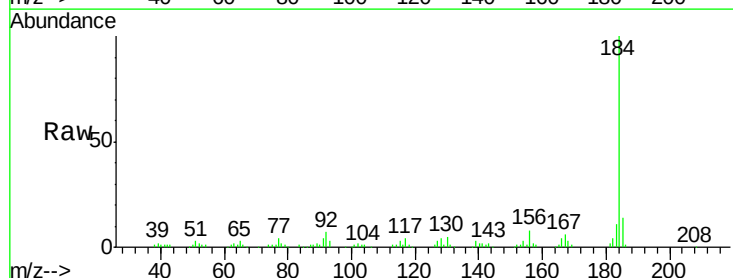
RT: 16.80 min Scan# 1331

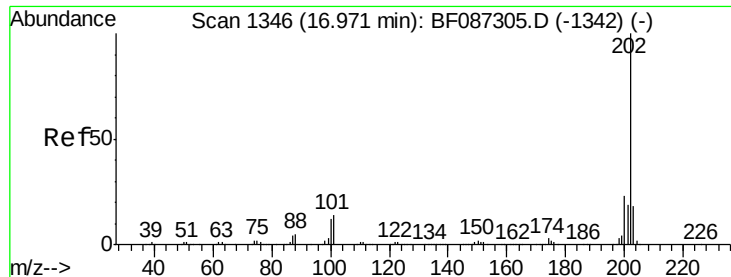
Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion:	184	Resp:	206076
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.6	20.4
183	11.0	9.8	14.6





#77

Pvrene

Concen: 41.79 ng

RT: 16.87 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

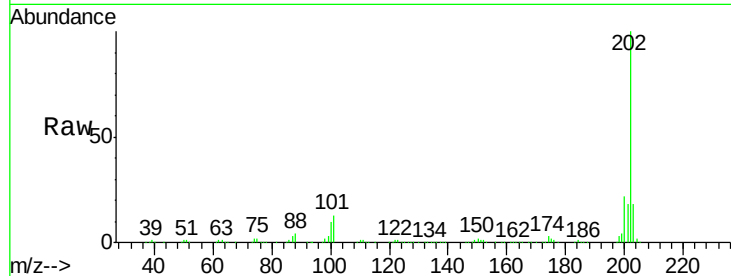
ClientSampleId :

PB90852BS

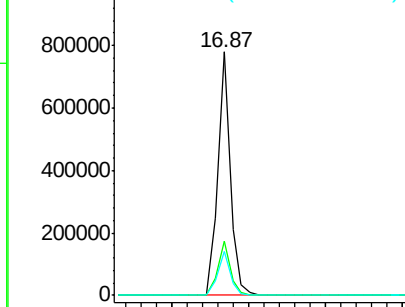
Tot Ion:	202	Resp:	891192
Ion Ratio		Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.1	14.2	21.4

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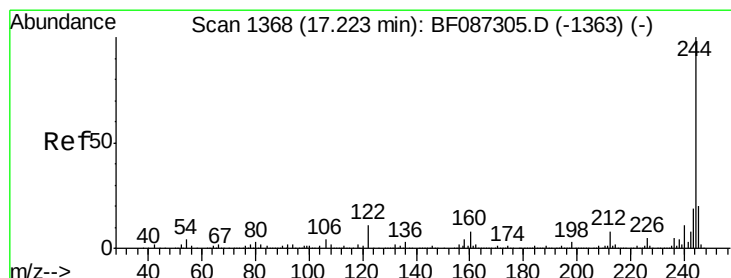
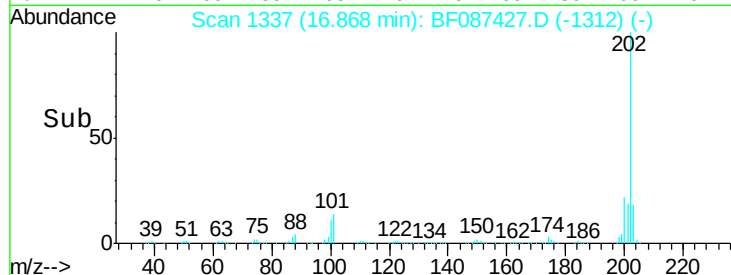
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 76.70 ng

RT: 17.12 min Scan# 1359

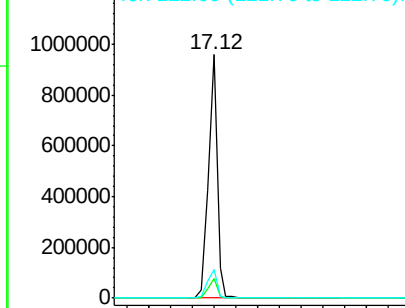
Delta R.T. -0.01 min

Lab File: BF087427.D

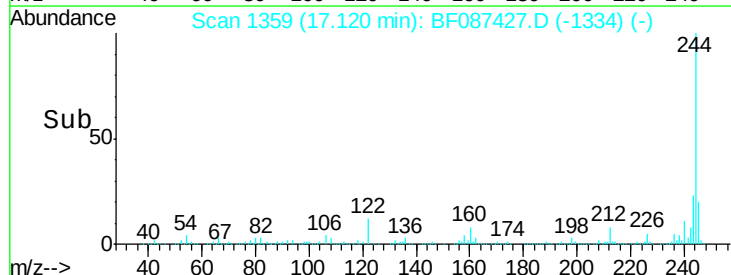
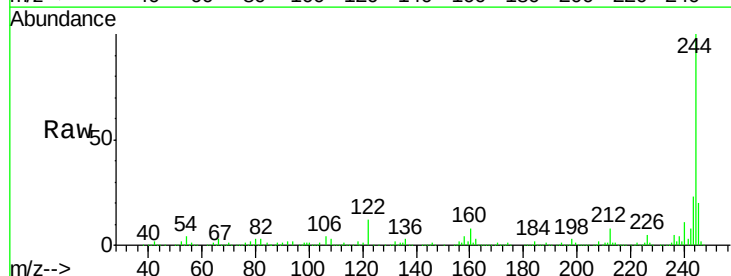
Acq: 27 May 2016 1:52

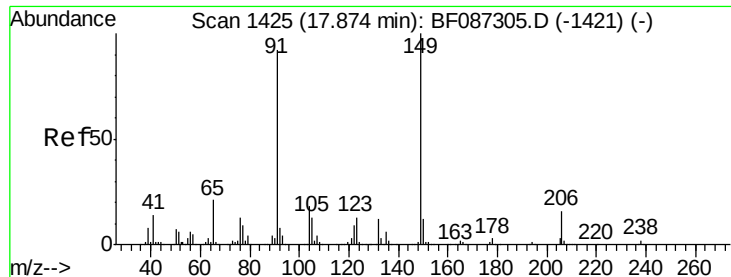
Tgt Ion:	244	Resp:	1068901
Ion Ratio		Lower	Upper
244	100		
212	8.0	6.2	9.2
122	11.7	12.0	18.0#

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



Time-->





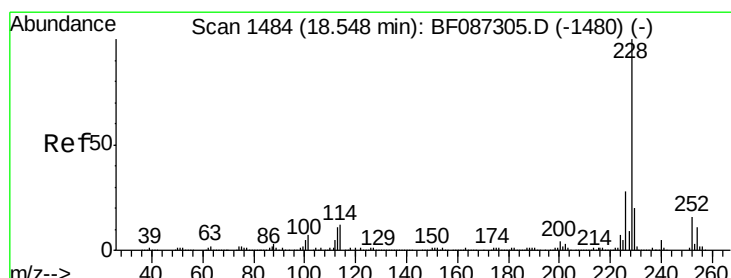
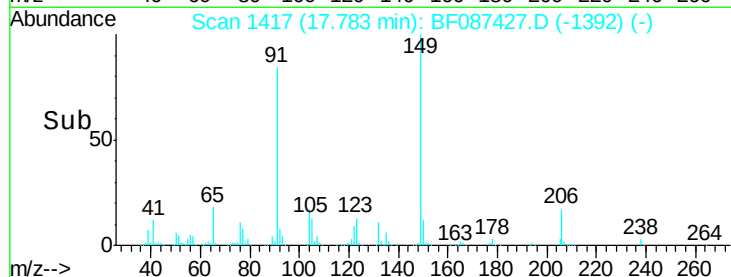
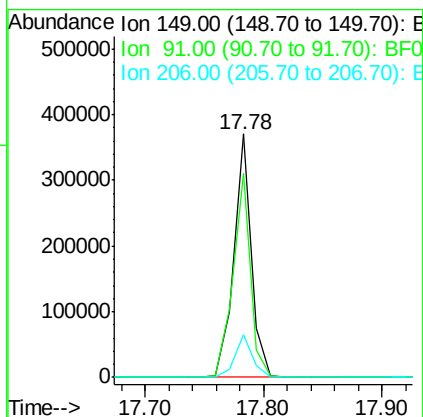
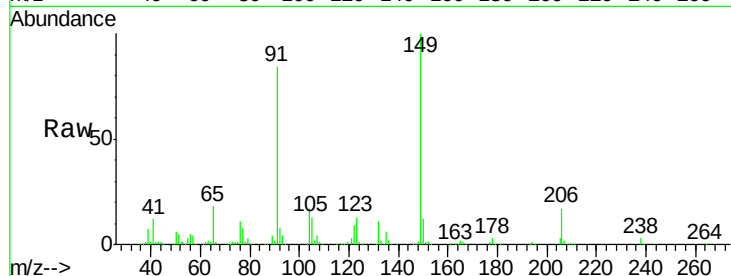
#79
Butylbenzylphthalate
Concen: 40.03 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampled :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	378623		
91	83.8	48.0	72.0#	
206	17.3	15.8	23.6	

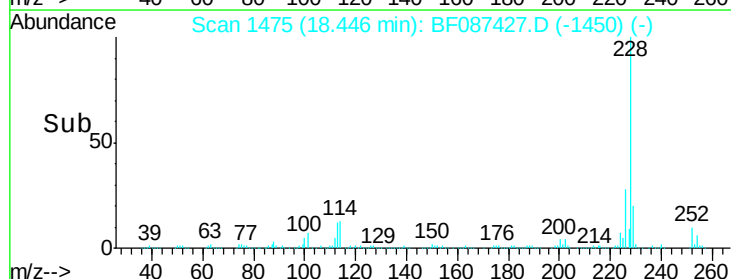
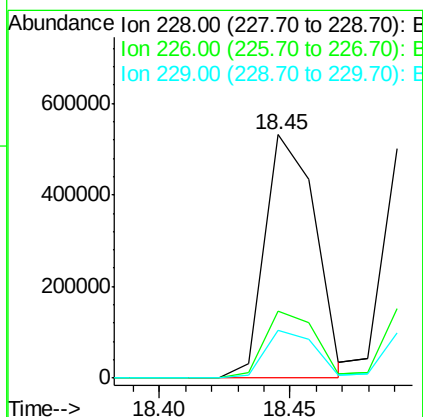
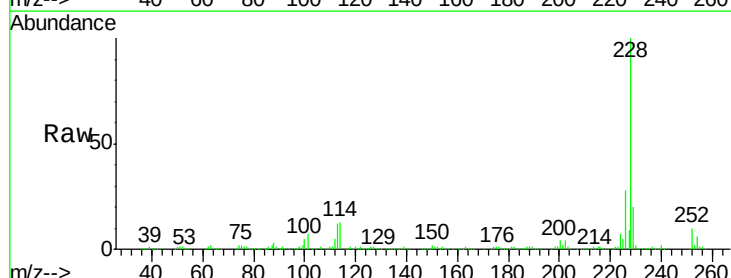
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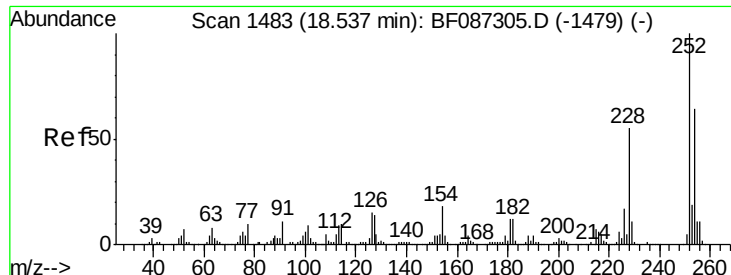
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#80
Benzo(a)anthracene
Concen: 42.04 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	708552		
226	27.6	22.5	33.7	
229	19.7	16.6	25.0	





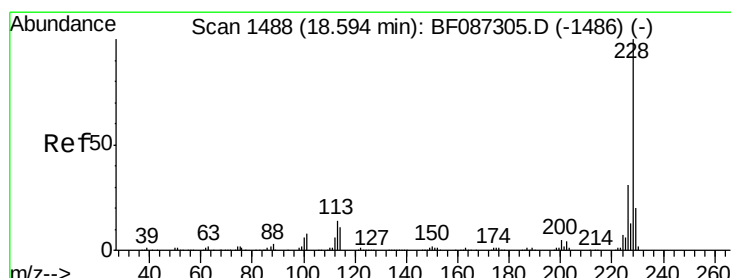
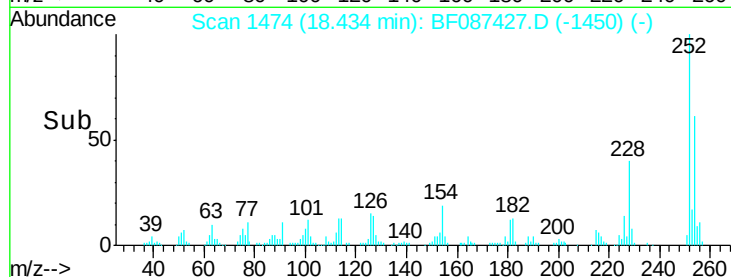
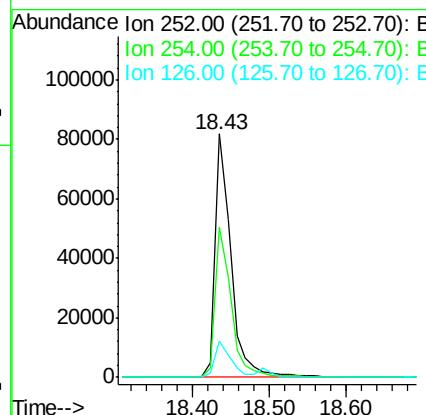
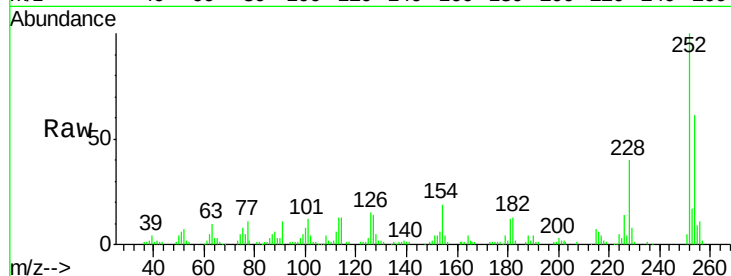
#81
 3,3'-Dichlorobenzidine
 Concen: 12.60 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	117286		
254	61.5	50.7	76.1	
126	15.0	12.7	19.1	

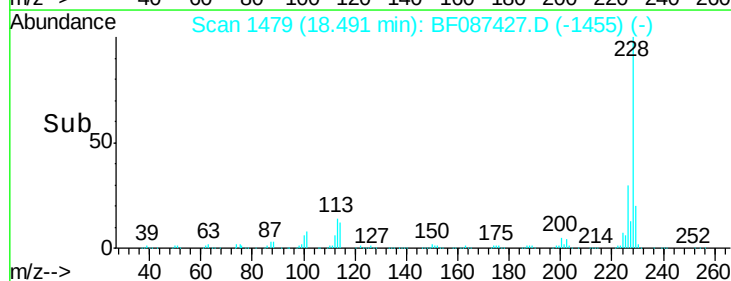
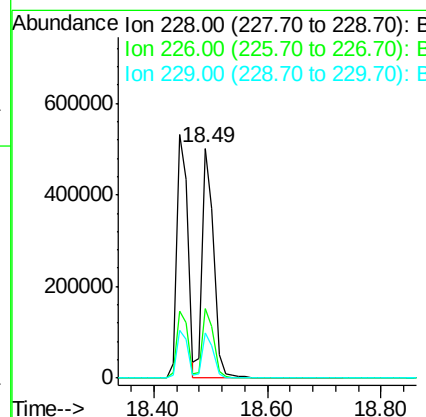
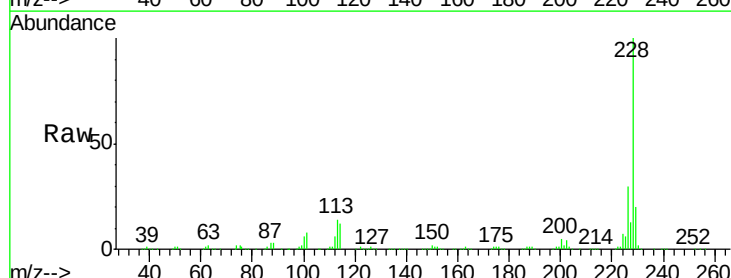
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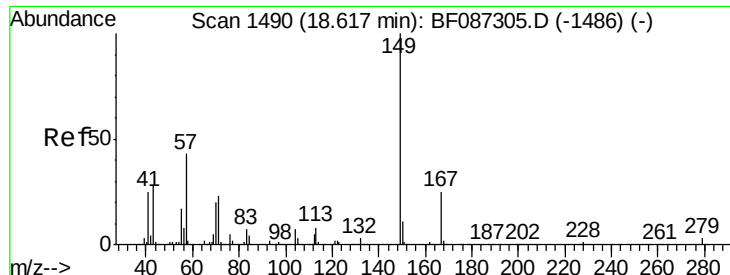
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#82
 Chrysene
 Concen: 40.87 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	683633		
226	30.4	24.4	36.6	
229	19.9	15.8	23.8	





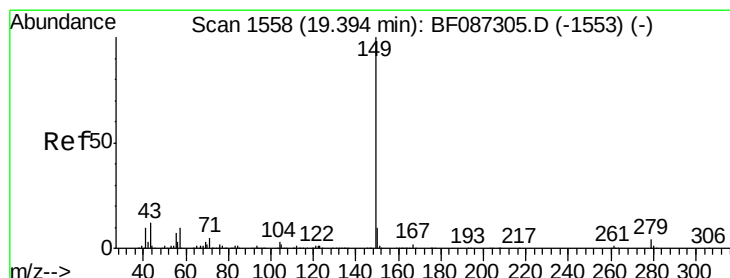
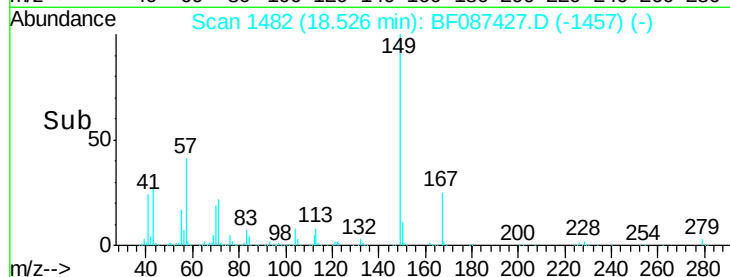
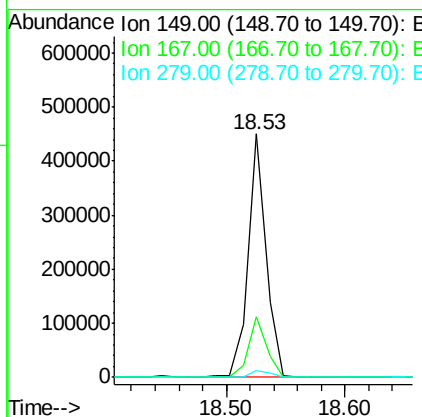
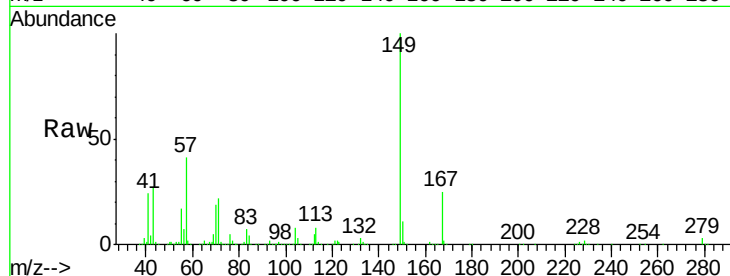
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.59 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	477371		
167	24.9	21.8	32.6	
279	2.6	2.6	4.0#	

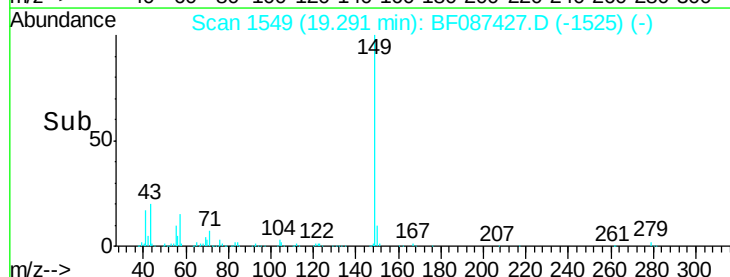
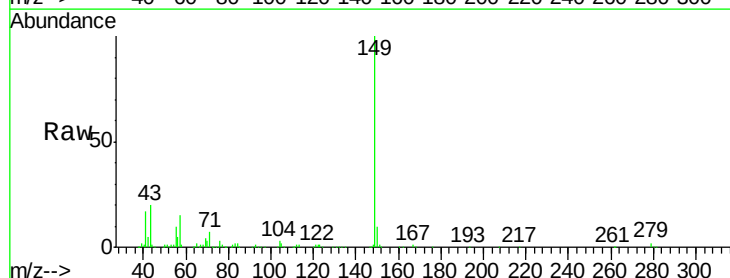
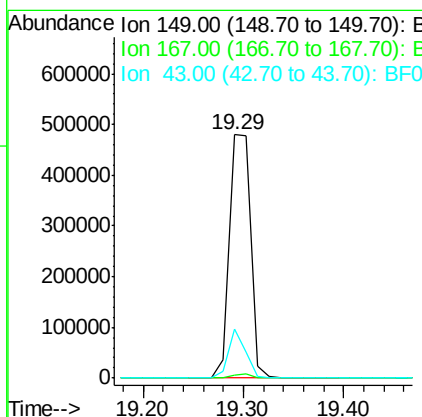
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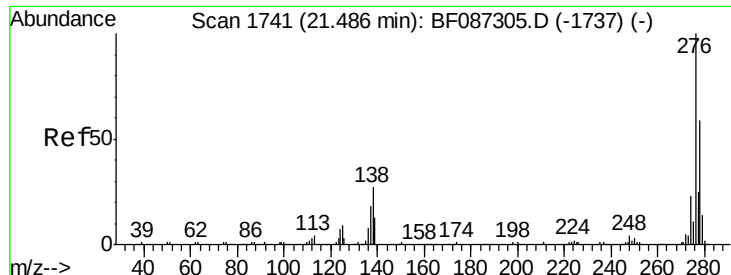
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#84
 Di-n-octyl phthalate
 Concen: 33.40 ng
 RT: 19.29 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	703066		
167	1.5	1.2	1.8	
43	16.1	8.2	12.4#	





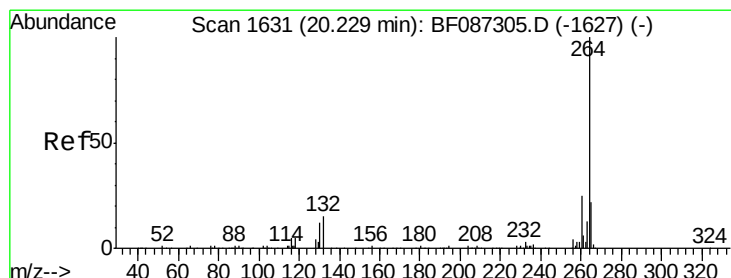
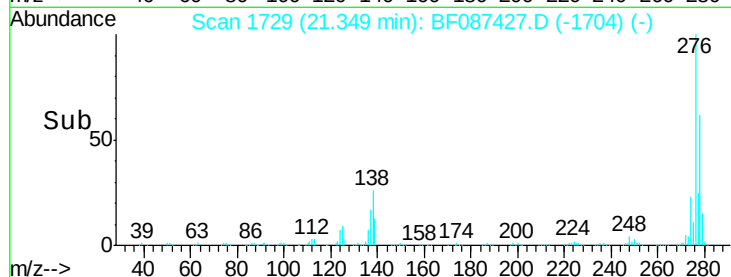
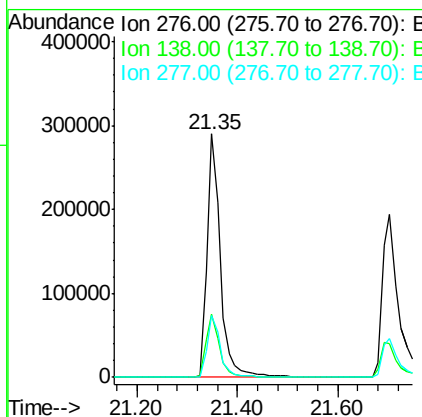
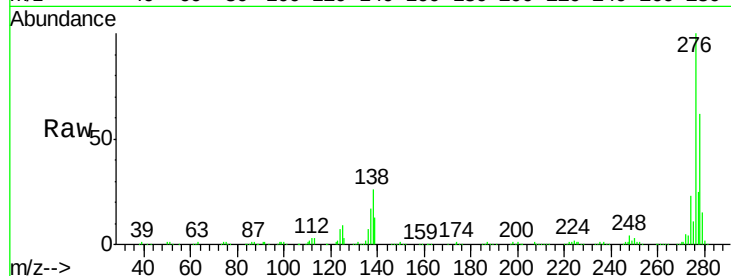
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.92 ng
 RT: 21.35 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion:	276	Resp:	535228
Ion Ratio	Lower	Upper	
276	100		
138	26.3	25.6	38.4
277	25.4	20.5	30.7

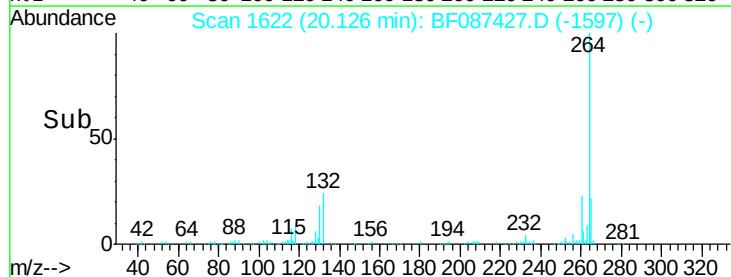
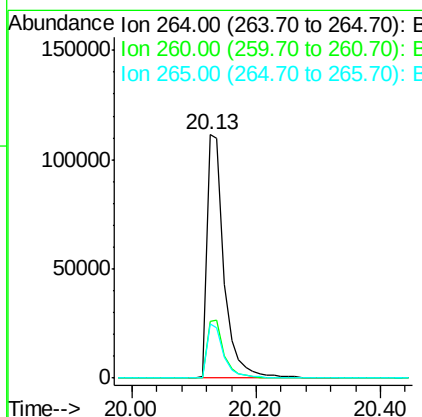
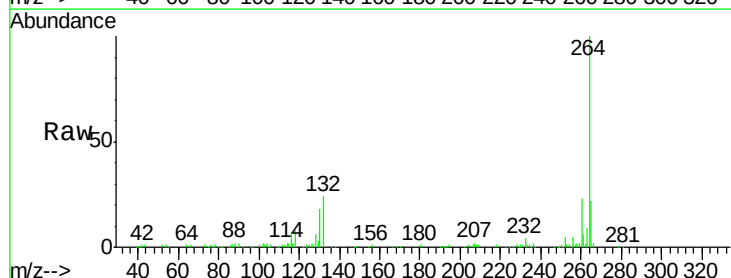
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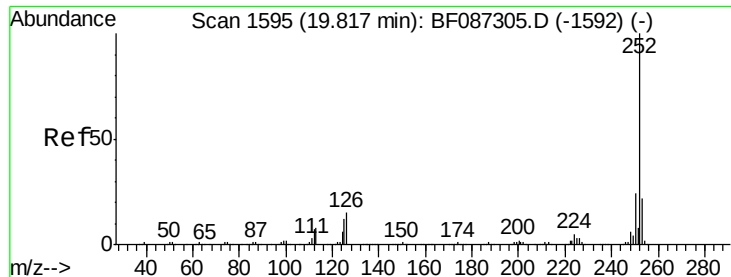
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion:	264	Resp:	210478
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.47 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

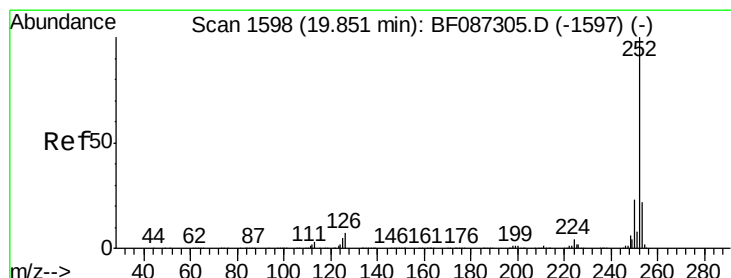
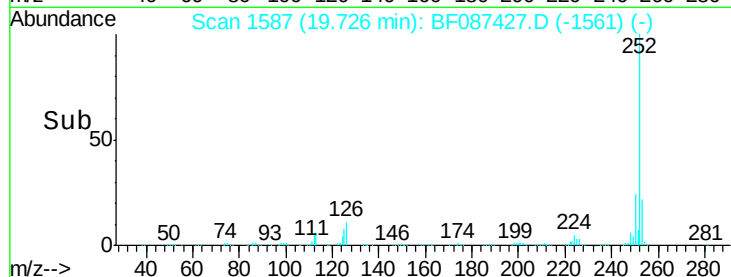
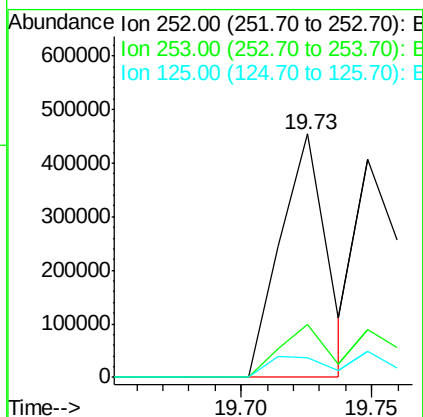
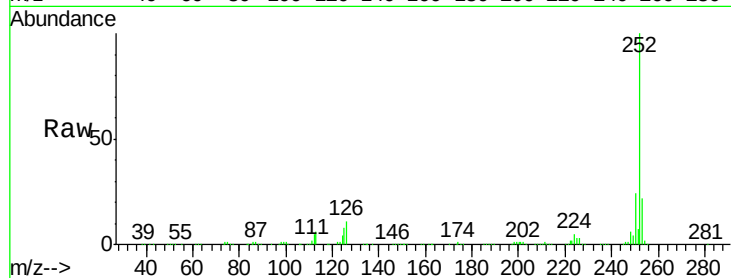
ClientSampleId :

PB90852BS

Tot Ion:	252	Resp:	556033
Ion Ratio		Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.2	11.4	17.0#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 46.99 ng m

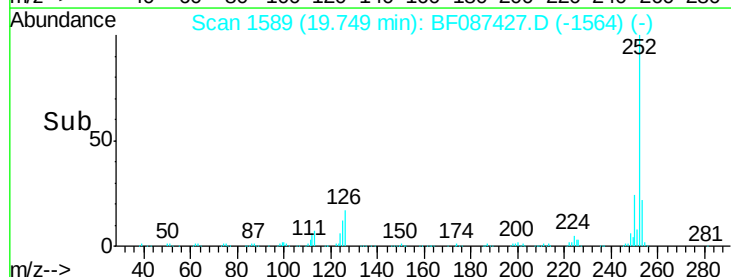
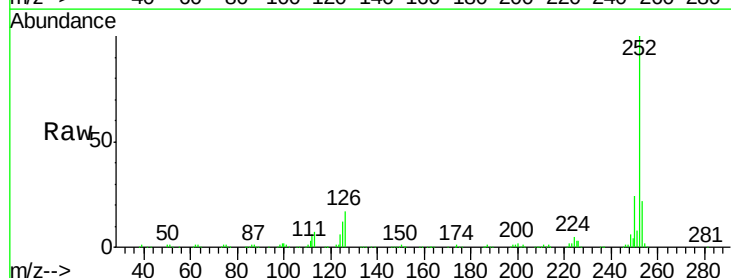
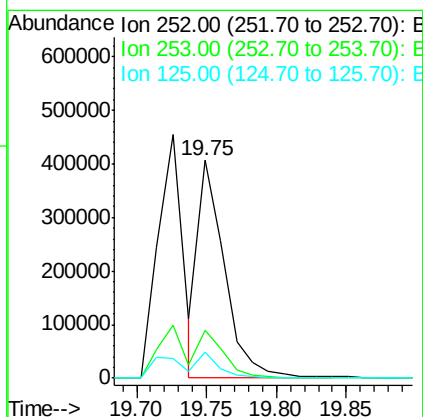
RT: 19.75 min Scan# 1589

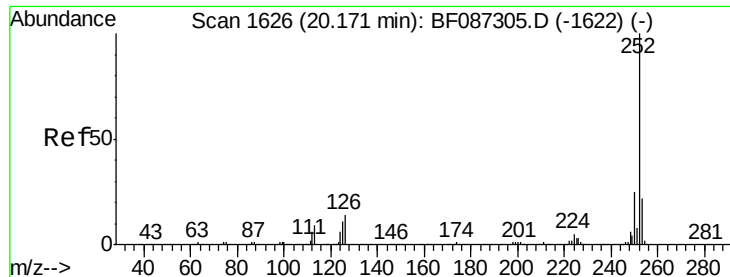
Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion:	252	Resp:	542248
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.7	9.1	13.7





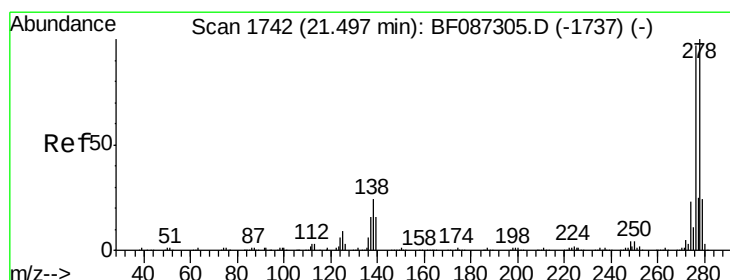
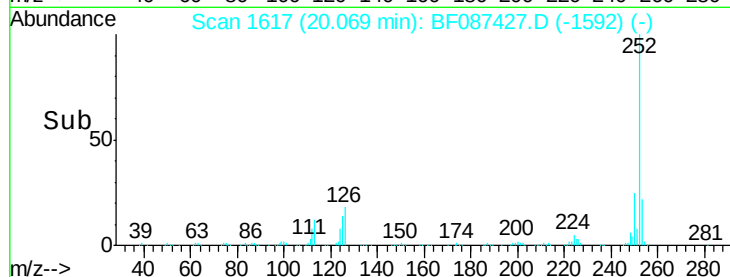
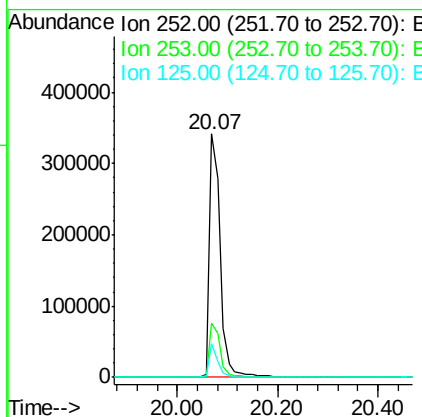
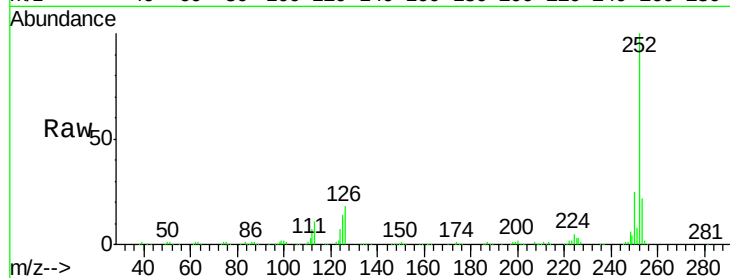
#89
Benzo(a)pyrene
Concen: 43.98 ng
RT: 20.07 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.2	25.8
125	14.0	9.0	13.6

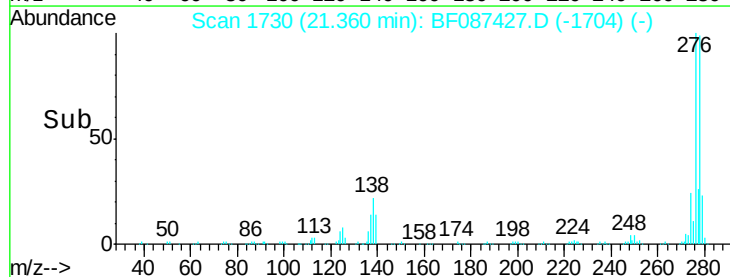
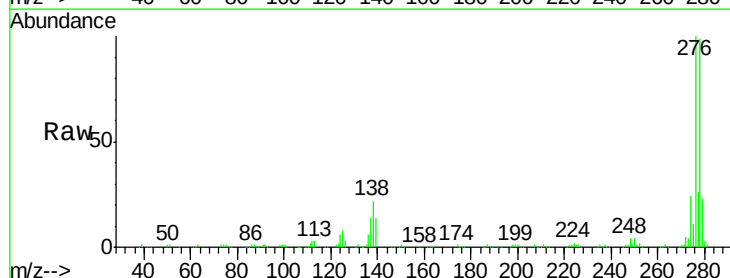
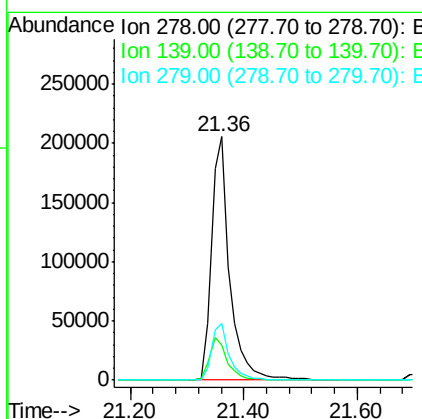
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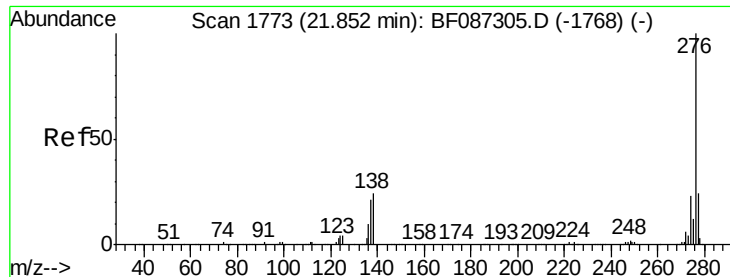
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#90
Dibenzo(a,h)anthracene
Concen: 45.05 ng
RT: 21.36 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.2	16.6	24.8
279	23.5	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.22 ng
 RT: 21.70 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	21.0	23.6	35.4

Manual Integrations
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