

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087447.D
 Acq On : 27 May 2016 17:21
 Operator : UM/SJ
 Sample : PB90866BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Manual Integrations
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 5/31/2016 7:01:39 PM

Quant Time: May 28 00:12:52 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	7.48	152	114568	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	485678	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	239110	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	460216	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	363931	20.00	ng	-0.03
86) Perylene-d12	20.13	264	250569	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	829915	127.29	ng	-0.01
7) Phenol-d6	7.04	99	1040270	118.08	ng	-0.03
23) Nitrobenzene-d5	8.40	82	716088	74.31	ng	-0.05
41) 2,4,6-Tribromophenol	13.65	330	260418	113.33	ng	-0.03
44) 2-Fluorobiphenyl	11.30	172	1260029	74.29	ng	-0.03
78) Terphenyl-d14	17.10	244	1222654	71.42	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	90607	26.34	ng	# 49
3) Pyridine	2.47	79	241736	32.14	ng	# 63
4) n-Nitrosodimethylamine	2.43	42	210787	36.37	ng	# 46
6) Aniline	6.99	93	249317	21.88	ng	92
8) 2-Chlorophenol	7.16	128	315259	38.77	ng	90
9) Benzaldehyde	6.86	77	25281	5.20	ng	97
10) Phenol	7.06	94	389483	40.49	ng	83
11) bis(2-Chloroethyl)ether	7.13	93	297763	38.24	ng	87
12) 1,3-Dichlorobenzene	7.38	146	317915	35.85	ng	# 94
13) 1,4-Dichlorobenzene	7.51	146	330982m	36.35	ng	
14) 1,2-Dichlorobenzene	7.75	146	314112	37.30	ng	99
15) Benzyl Alcohol	7.79	79	281510	43.83	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.99	45	597992	34.13	ng	88
17) 2-Methylphenol	8.00	107	255512	39.21	ng	# 84
18) Hexachloroethane	8.26	117	127019	37.40	ng	# 90
19) n-Nitroso-di-n-propylamine	8.20	70	252377	38.41	ng	# 70
20) 3+4-Methylphenols	8.26	107	340272	43.20	ng	# 59
22) Acetophenone	8.17	105	441057	38.01	ng	# 95
24) Nitrobenzene	8.43	77	369548	36.33	ng	99
25) Isophorone	8.83	82	636835	36.85	ng	97
26) 2-Nitrophenol	8.95	139	163049	39.21	ng	# 83
27) 2,4-Dimethylphenol	9.08	122	285173	39.51	ng	88
28) bis(2-Chloroethoxy)methane	9.21	93	386768	39.73	ng	98
29) 2,4-Dichlorophenol	9.36	162	260803	40.09	ng	95
30) 1,2,4-Trichlorobenzene	9.44	180	268895	36.11	ng	96
31) Naphthalene	9.55	128	907573	37.29	ng	99
32) Benzoic acid	9.40	122	115585	33.15	ng	# 71
33) 4-Chloroaniline	9.72	127	106526	11.88	ng	95
34) Hexachlorobutadiene	9.76	225	159743	35.29	ng	96
35) Caprolactam	10.32	113	79514m	41.88	ng	
36) 4-Chloro-3-methylphenol	10.57	107	300169	40.81	ng	91
37) 2-Methylnaphthalene	10.67	142	597415	39.29	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	10.95	216	259852	33.95	ng	98
40) Hexachlorocyclopentadiene	10.92	237	175814	58.68	ng	94

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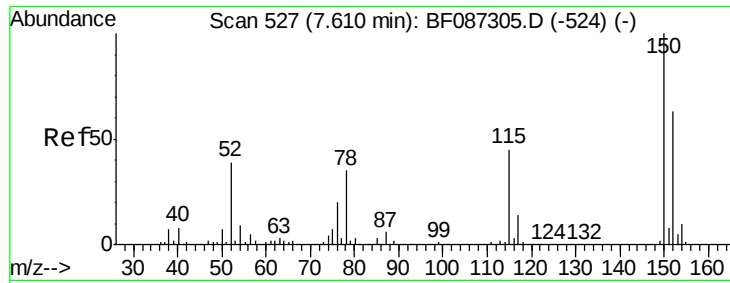
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	166141	37.61	nq	95
43) 2,4,5-Trichlorophenol	11.27	196	157351	34.97	nq	# 90
45) 1,1'-Biphenyl	11.45	154	747673	37.14	nq	98
46) 2-Chloronaphthalene	11.46	162	552782	35.89	nq	95
47) 2-Nitroaniline	11.68	65	219272	39.51	nq	# 71
48) Acenaphthylene	12.11	152	893708	36.65	nq	99
49) Dimethylphthalate	12.00	163	706414	36.88	nq	99
50) 2,6-Dinitrotoluene	12.09	165	148628	38.51	nq	# 64
51) Acenaphthene	12.40	154	544249	36.31	nq	98
52) 3-Nitroaniline	12.38	138	72099	18.20	nq	96
53) 2,4-Dinitrophenol	12.57	184	110229	57.78	nq	# 85
54) Dibenzofuran	12.69	168	814000	40.12	nq	95
55) 4-Nitrophenol	12.75	139	138635	73.37	nq	# 40
56) 2,4-Dinitrotoluene	12.77	165	205532	39.84	nq	87
57) Fluorene	13.25	166	665949	37.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.93	232	141877	40.99	nq	99
59) Diethylphthalate	13.15	149	700268	37.60	nq	98
60) 4-Chlorophenyl-phenylether	13.27	204	308083	35.90	nq	93
61) 4-Nitroaniline	13.37	138	133629	36.14	nq	# 67
62) Azobenzene	13.53	77	818606	42.37	nq	86
64) 4,6-Dinitro-2-methylphenol	13.43	198	92479	31.60	nq	# 74
65) n-Nitrosodiphenylamine	13.49	169	561391	37.72	nq	100
66) 4-Bromophenyl-phenylether	14.06	248	181617	36.07	nq	# 88
67) Hexachlorobenzene	14.13	284	191758	36.42	nq	# 83
68) Atrazine	14.40	200	153732	32.40	nq	93
69) Pentachlorophenol	14.49	266	106896	66.45	nq	97
70) Phenanthrene	14.79	178	971472	38.11	nq	100
71) Anthracene	14.87	178	959741	37.27	nq	99
72) Carbazole	15.17	167	880157	40.07	nq	99
73) Di-n-butylphthalate	15.74	149	1049654	36.95	nq	# 98
74) Fluoranthene	16.55	202	974351	38.12	nq	95
76) Benzidine	16.80	184	83685	8.94	nq	97
77) Pyrene	16.86	202	1005867	38.40	nq	100
79) Butylbenzylphthalate	17.77	149	444856	38.29	nq	92
80) Benzo(a)anthracene	18.43	228	776315	37.50	nq	99
81) 3,3'-Dichlorobenzidine	18.42	252	123220	10.77	nq	98
82) Chrysene	18.48	228	777831	37.86	nq	99
83) Bis(2-ethylhexyl)phthalate	18.51	149	618541	36.49	nq	99
84) Di-n-octyl phthalate	19.28	149	923308	35.72	nq	# 85
85) Indeno(1,2,3-cd)pyrene	21.34	276	554681	33.68	nq	94
87) Benzo(b)fluoranthene	19.71	252	606764	38.02	nq	# 93
88) Benzo(k)fluoranthene	19.74	252	596828m	43.44	nq	
89) Benzo(a)pyrene	20.06	252	563839	40.84	nq	# 96
90) Dibenzo(a,h)anthracene	21.34	278	475343	40.37	nq	# 94
91) Benzo(g,h,i)perylene	21.68	276	457017	39.34	nq	96

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



#1

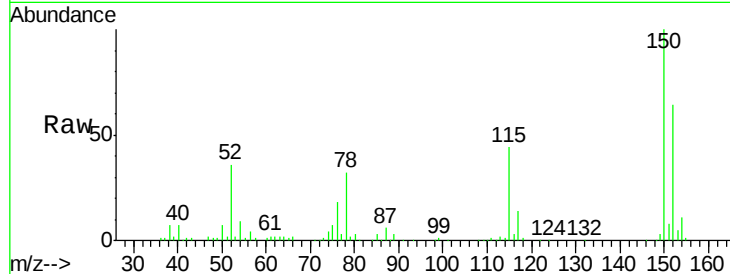
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

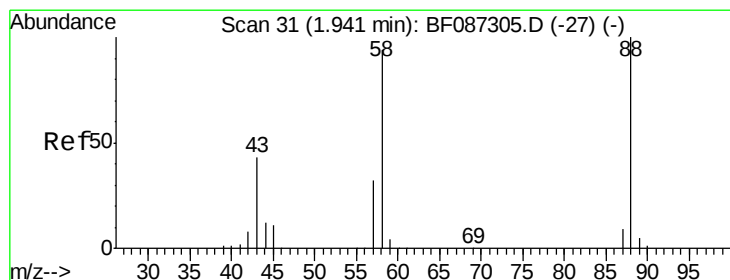
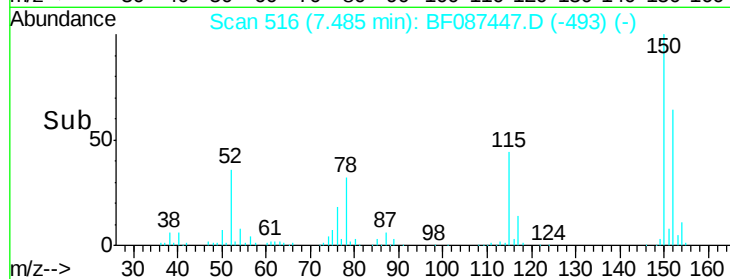
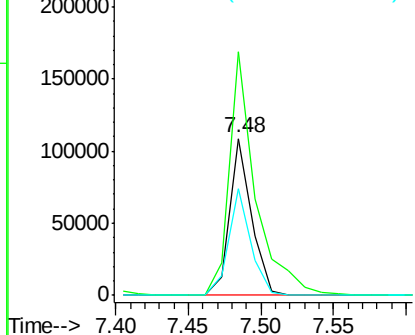
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.8	188.6
115	67.7	51.5	77.3

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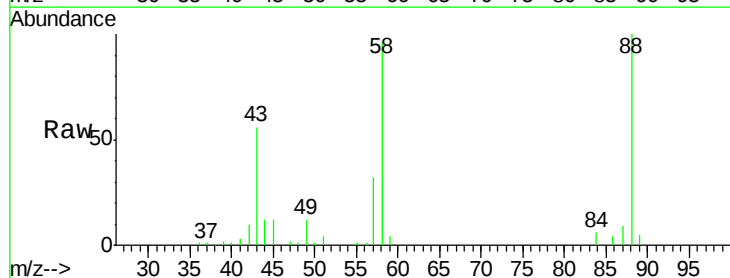
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



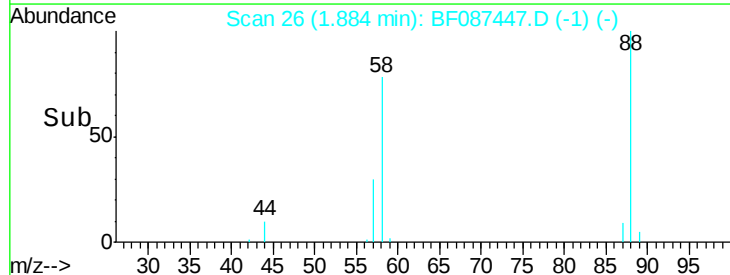
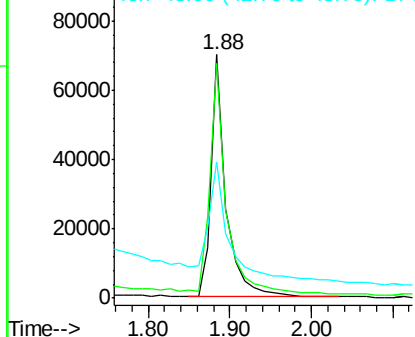
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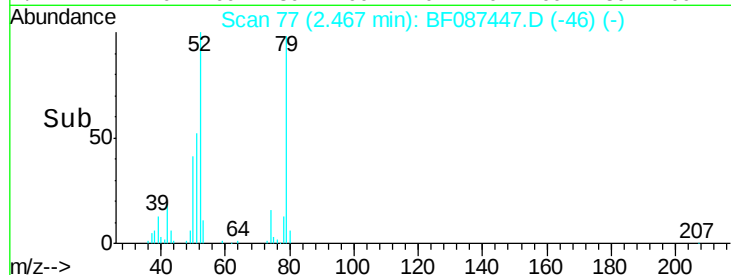
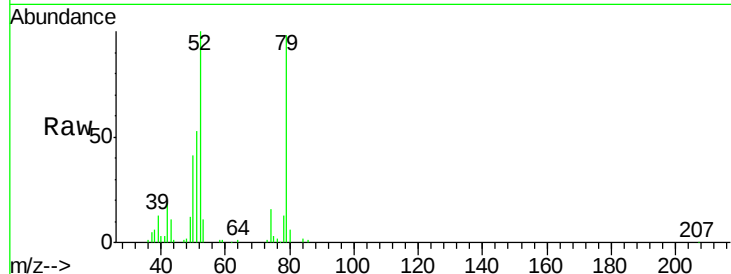
1,4-Dioxane
Concen: 26.34 ng
RT: 1.88 min Scan# 26
Delta R.T. 0.07 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.1	59.6	89.4#
43	73.1	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





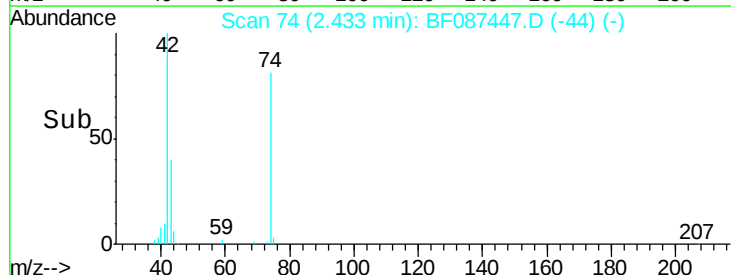
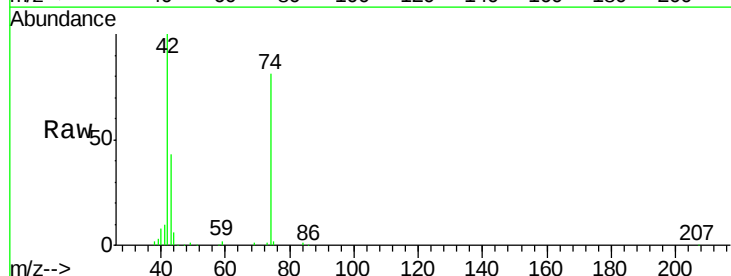
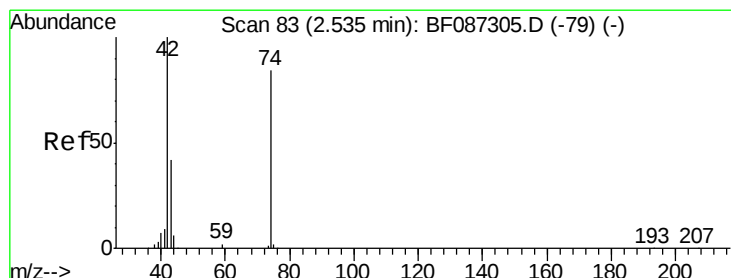
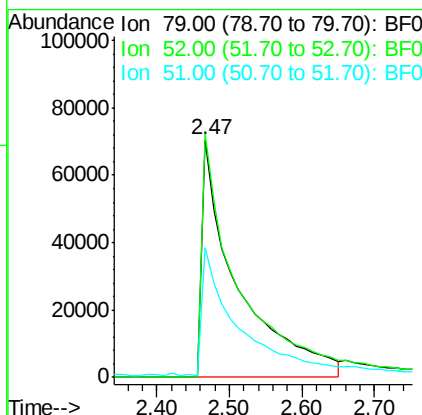
#3
 Pvridine
 Concen: 32.14 ng
 RT: 2.47 min Scan# 77
 Delta R.T. 0.06 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	102.4	55.9	83.9#		
51	54.4	28.1	42.1#		

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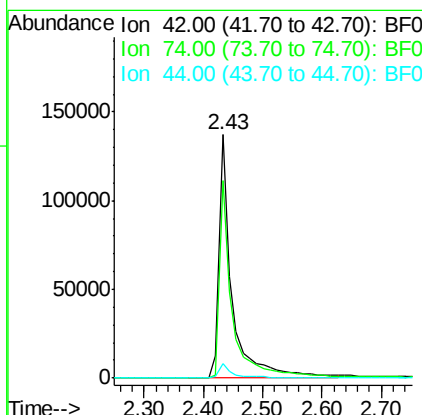
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#4
 n-Nitrosodimethylamine
 Concen: 36.37 ng
 RT: 2.43 min Scan# 74
 Delta R.T. 0.05 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	81.1	123.4	185.0#		
44	6.0	5.8	8.6		





#5

2-Fluorophenol

Concen: 127.29 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.01 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

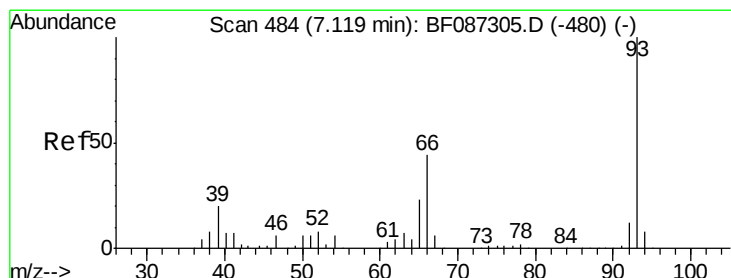
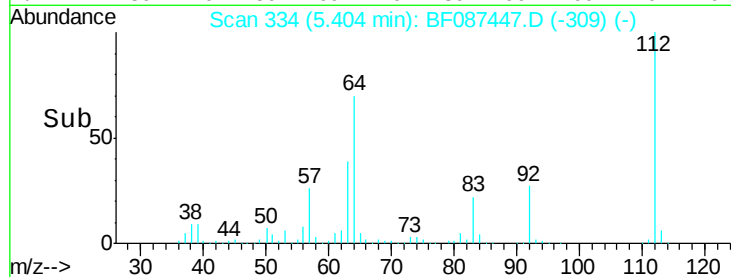
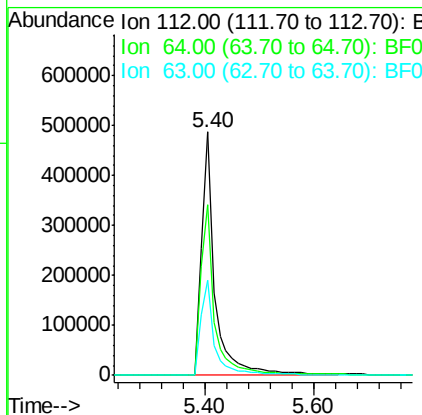
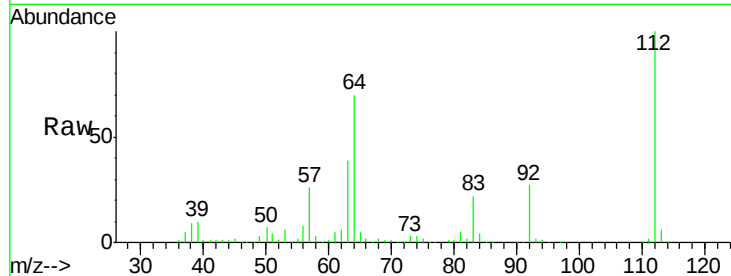
ClientSampleId :

PB90866BS

Tot Ion:	112	Resp:	829915
Ion Ratio	Lower	Upper	
112	100		
64	69.9	52.1	78.1
63	39.2	25.7	38.5#

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#6

Aniline

Concen: 21.88 ng

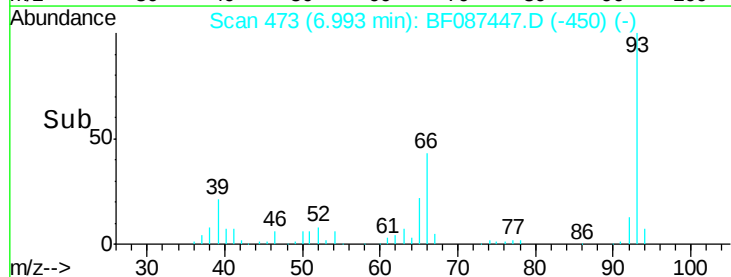
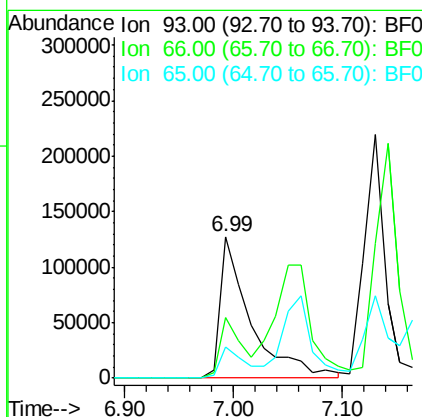
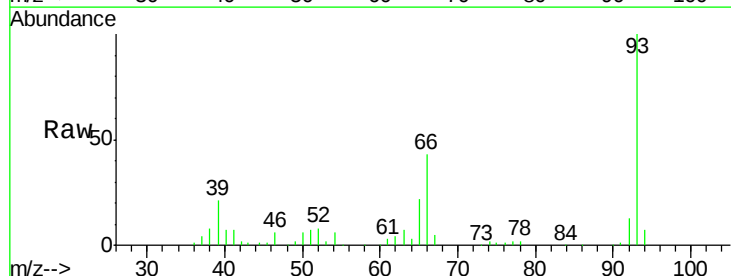
RT: 6.99 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion:	93	Resp:	249317
Ion Ratio	Lower	Upper	
93	100		
66	43.2	39.0	58.6
65	22.3	20.6	31.0





#7

Phenol-d6

Concen: 118.08 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB90866BS

Tot Ion: 99 Resp: 1040270

Ion Ratio Lower Upper

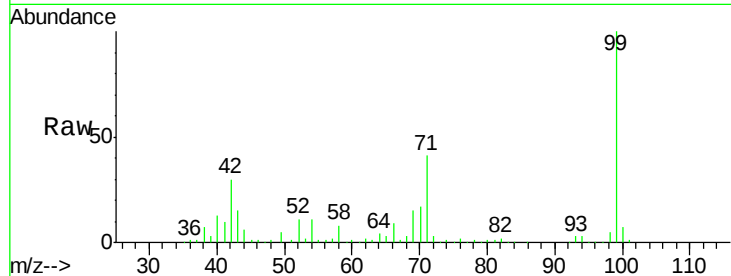
99 100

42 30.3 13.6 20.4#

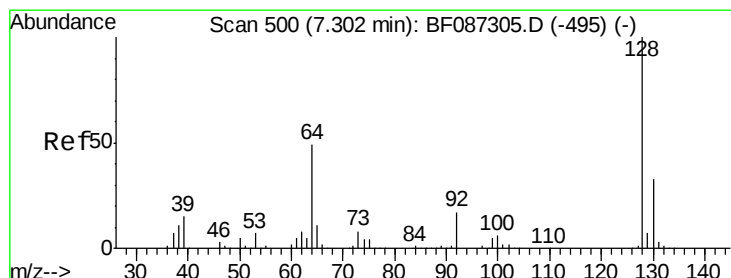
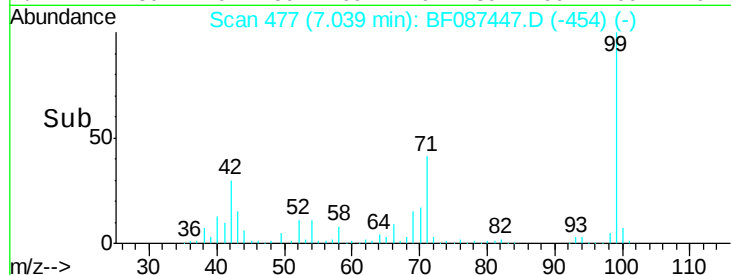
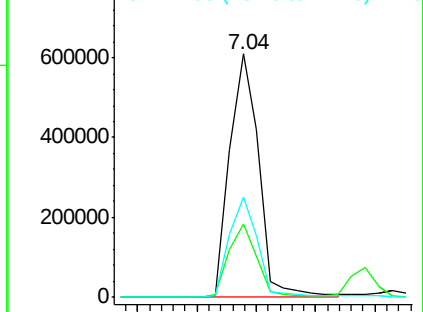
71 41.2 24.6 36.8#

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



#8

2-Chlorophenol

Concen: 38.77 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

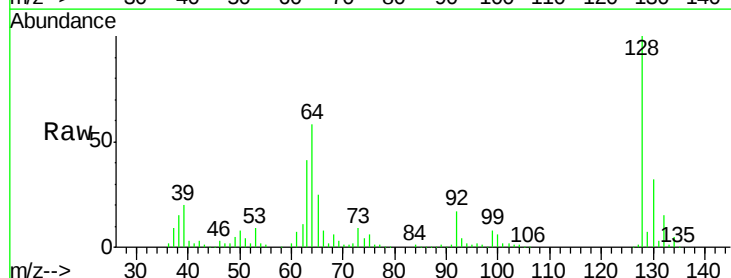
Tgt Ion: 128 Resp: 315259

Ion Ratio Lower Upper

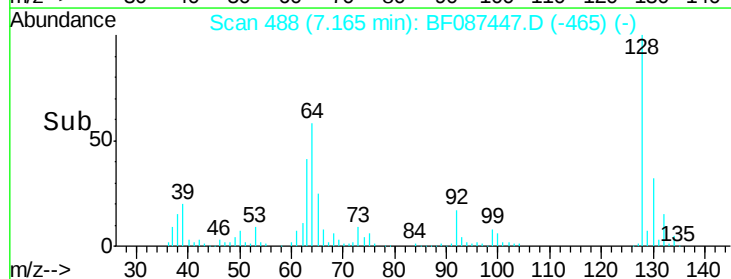
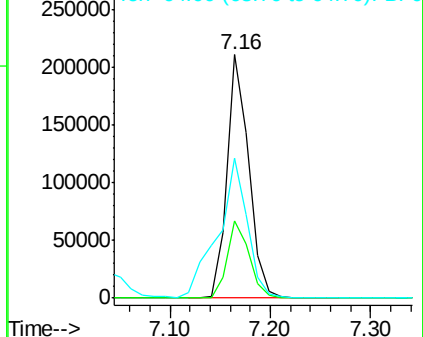
128 100

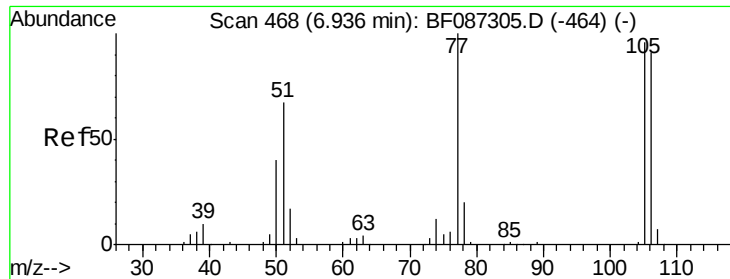
130 31.6 12.5 52.5

64 57.7 27.3 67.3



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





#9

Benzaldehyde

Concen: 5.20 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.02 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

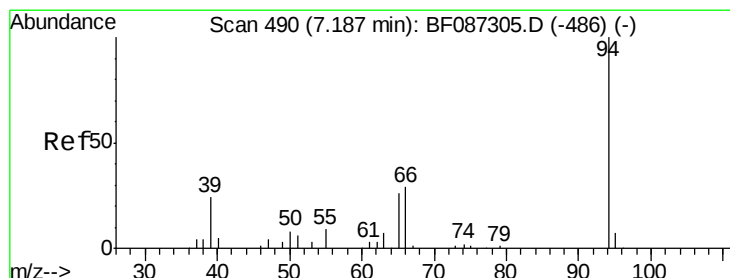
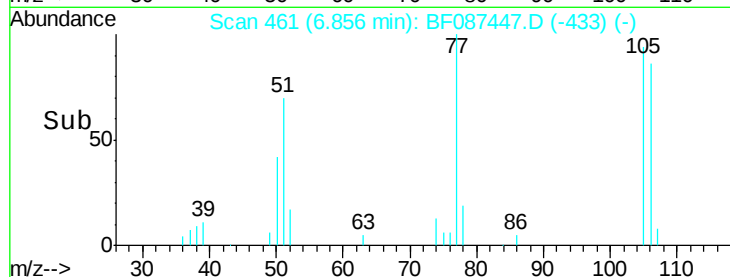
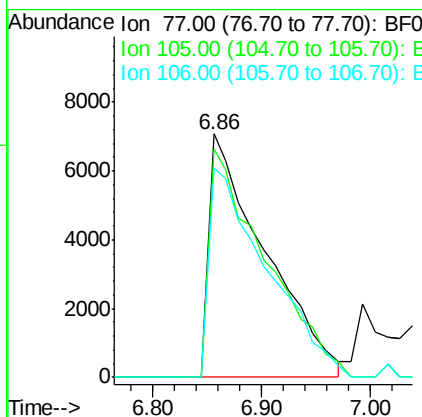
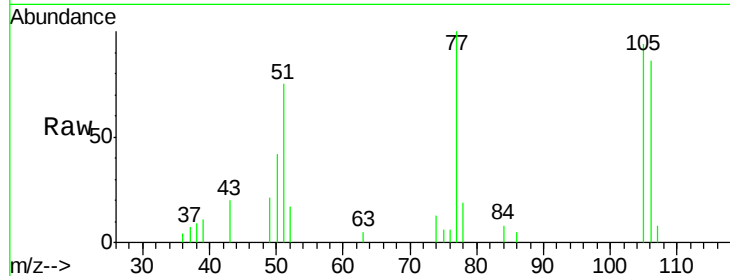
ClientSampleId :

PB90866BS

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Tot Ion:	77	Resp:	25281
Ion	Ratio	Lower	Upper
77	100		
105	94.0	72.7	112.7
106	85.9	70.8	110.8



#10

Phenol

Concen: 40.49 ng

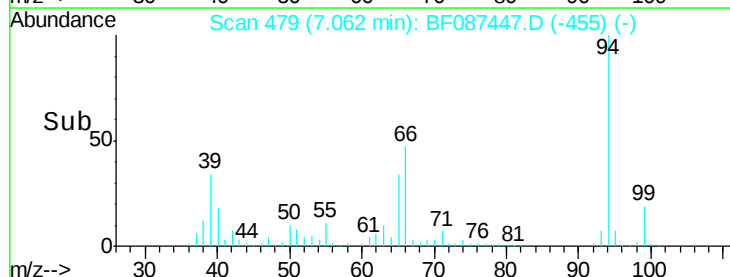
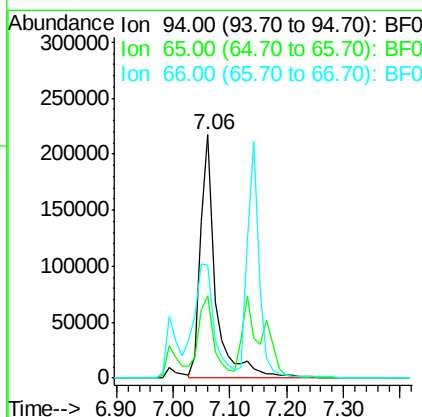
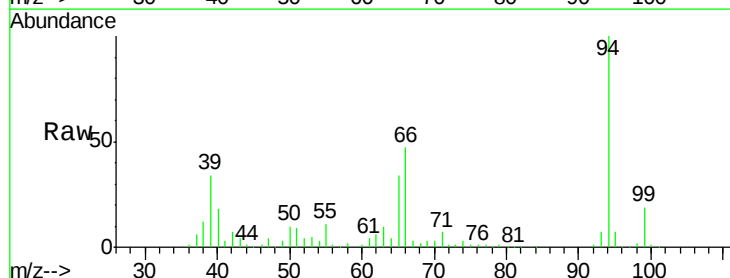
RT: 7.06 min Scan# 479

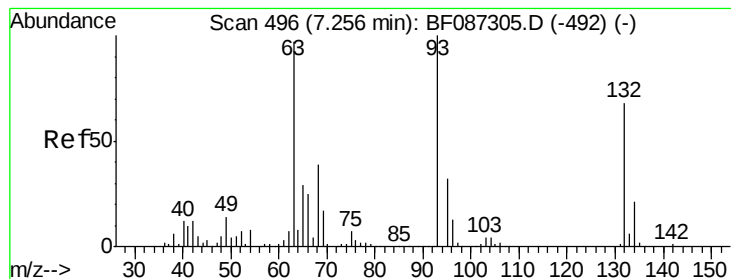
Delta R.T. -0.02 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion:	94	Resp:	389483
Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.2	47.2
66	46.6	14.9	54.9





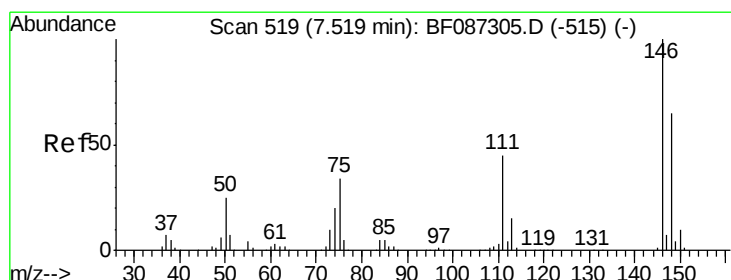
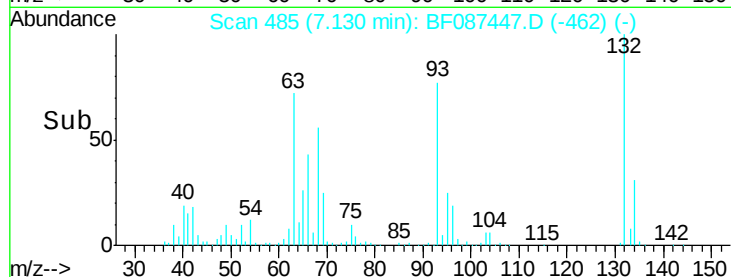
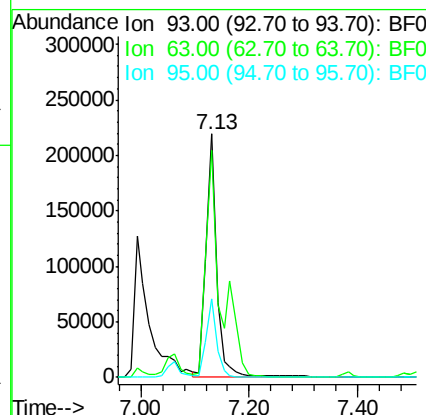
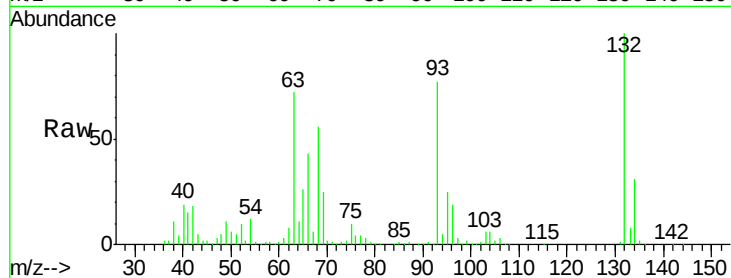
#11
 bis(2-Chloroethyl)ether
 Concen: 38.24 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampled :
 PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	297763		
63	93.3	58.0	98.0	
95	32.2	11.9	51.9	

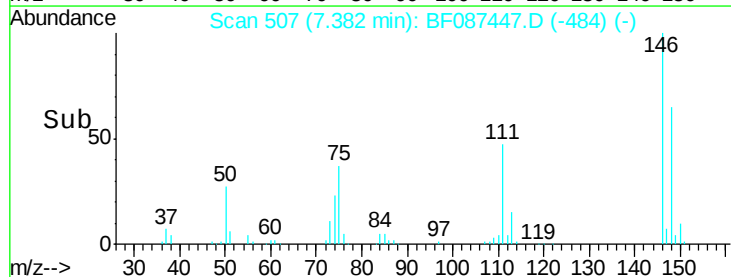
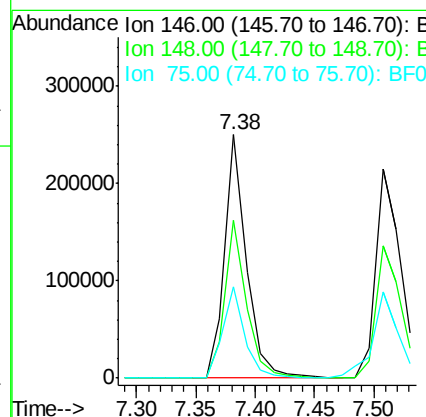
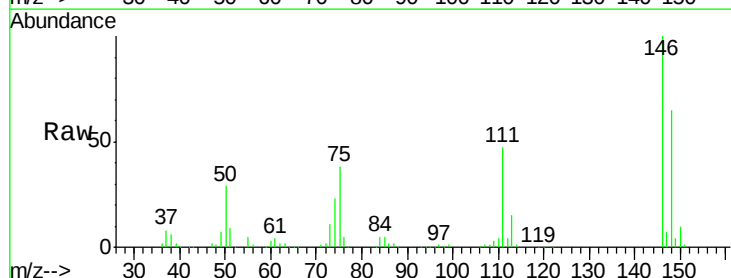
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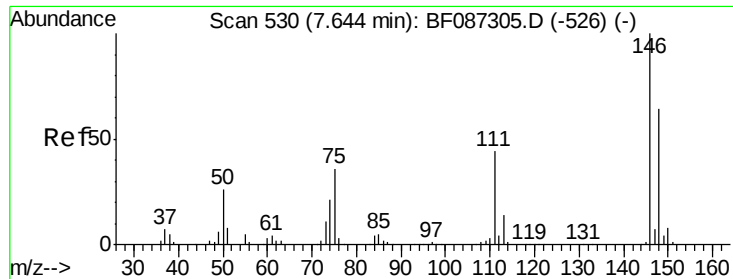
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#12
 1,3-Dichlorobenzene
 Concen: 35.85 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	317915		
148	64.9	52.4	78.6	
75	37.7	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 36.35 ng/mL

RT: 7.51 min Scan# 518

Delta R.T. -0.05 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

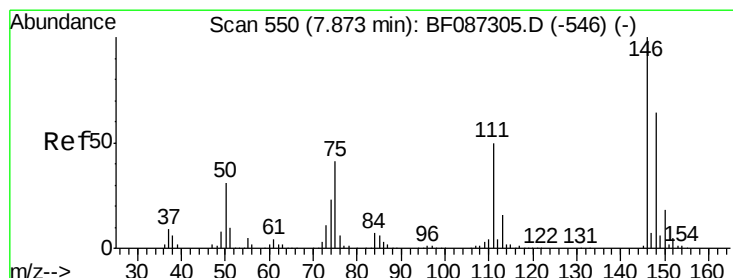
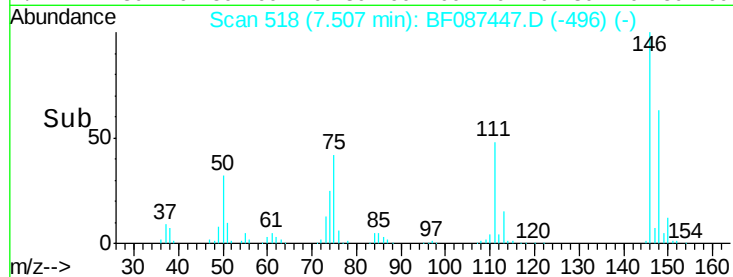
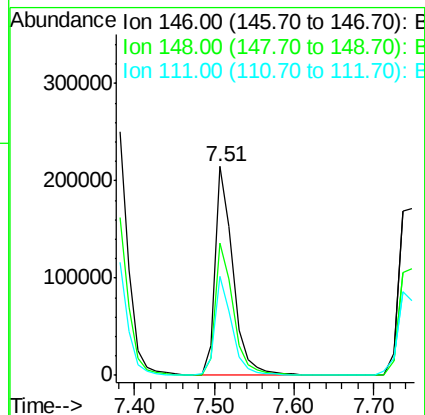
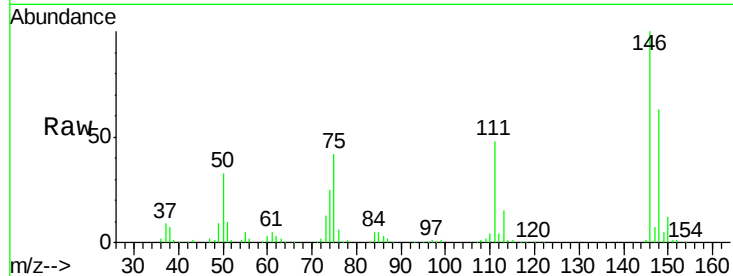
ClientSampled :

PB90866BS

Tot Ion:	146	Resp:	330982
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.4
111	47.6	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 37.30 ng/mL

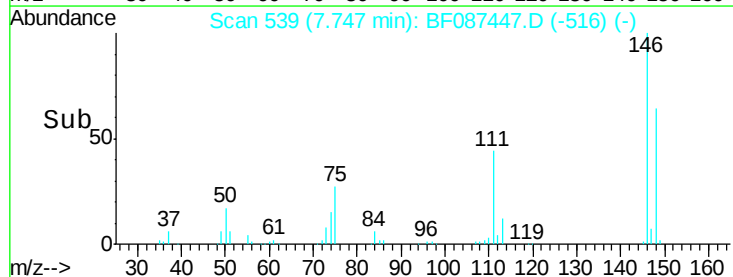
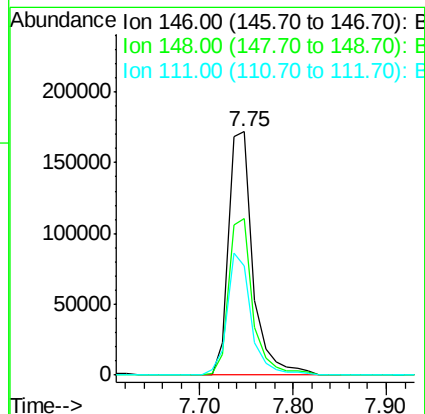
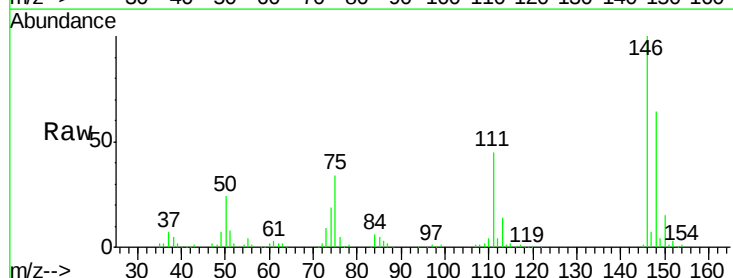
RT: 7.75 min Scan# 539

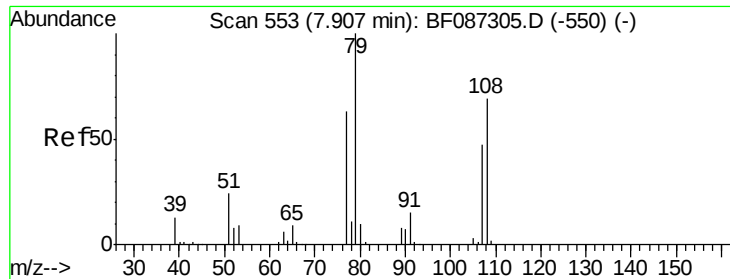
Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion:	146	Resp:	314112
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.6
111	44.7	36.2	54.4





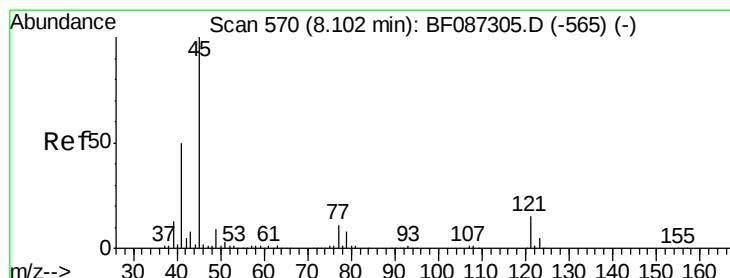
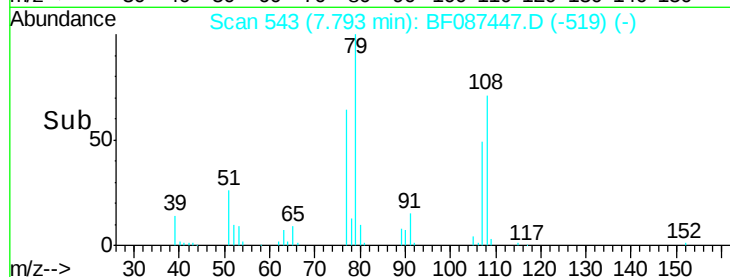
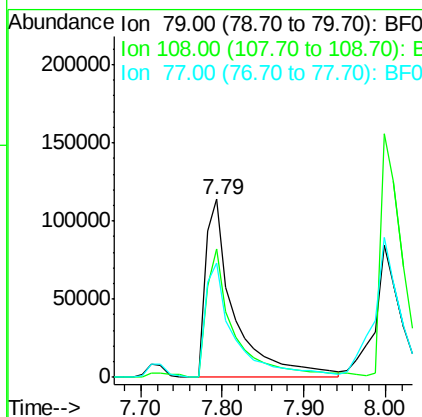
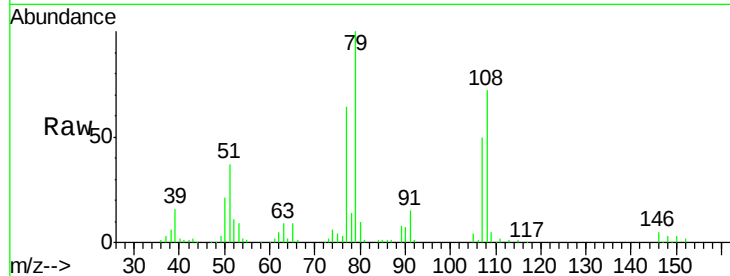
#15
Benzyl Alcohol
Concen: 43.83 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	281510		
108	72.0	68.4	102.6	
77	64.4	50.6	76.0	

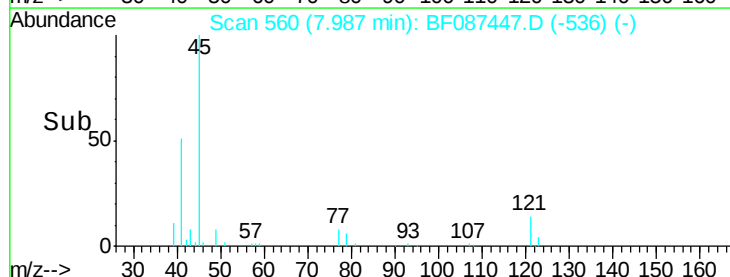
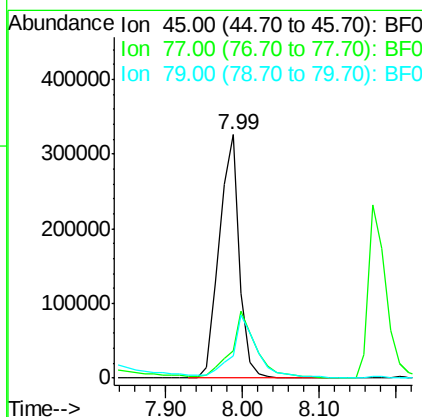
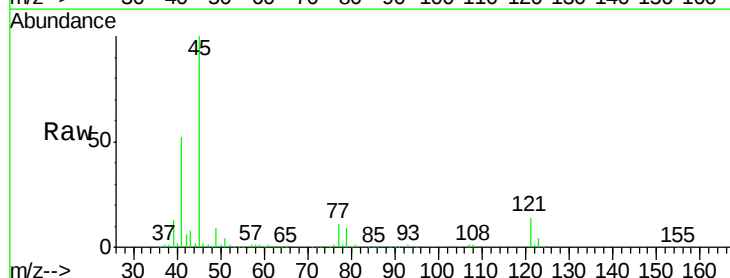
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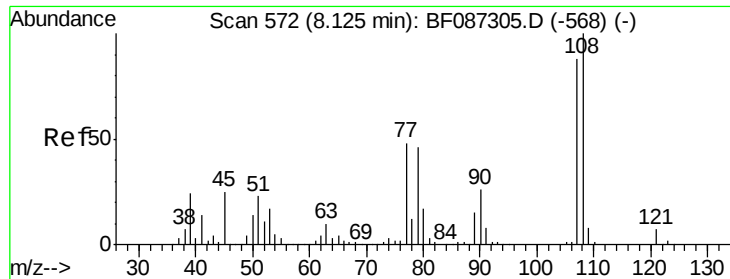
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.13 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	597992		
77	11.0	0.0	36.4	
79	8.9	0.0	33.4	





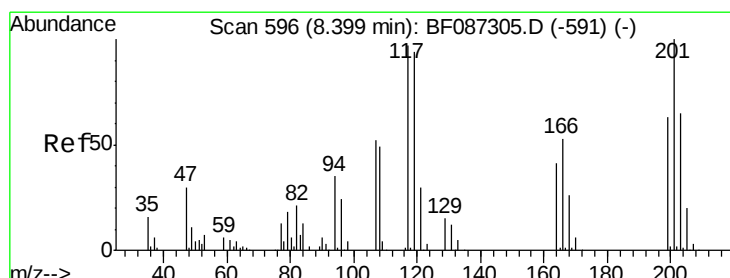
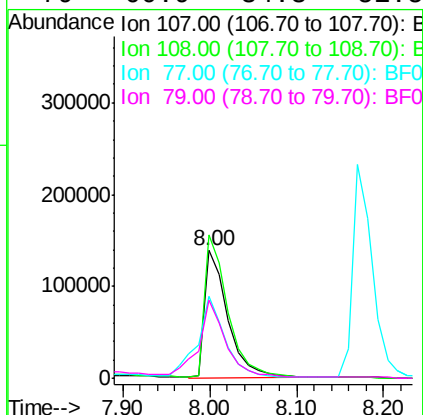
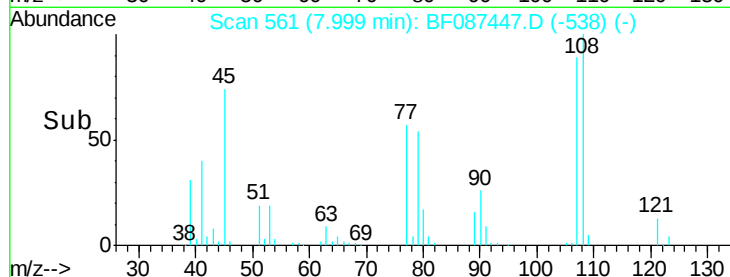
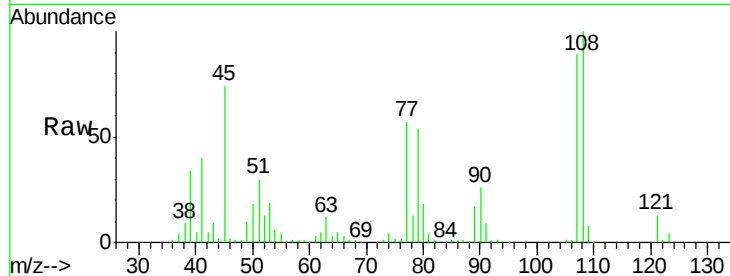
#17
2-Methylphenol
Concen: 39.21 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	93.7	140.5	
77	64.4	33.4	50.0	
79	60.9	34.3	51.5	

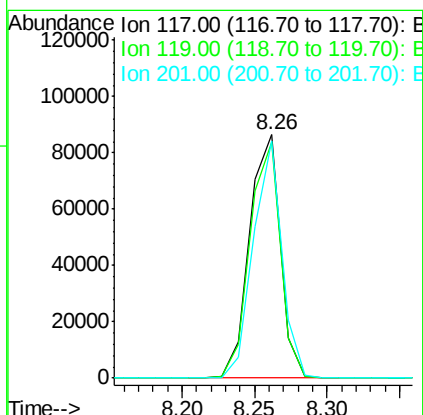
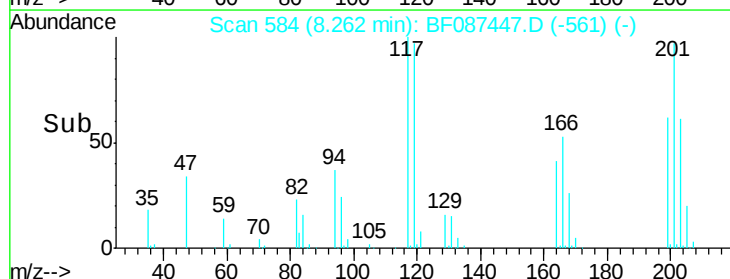
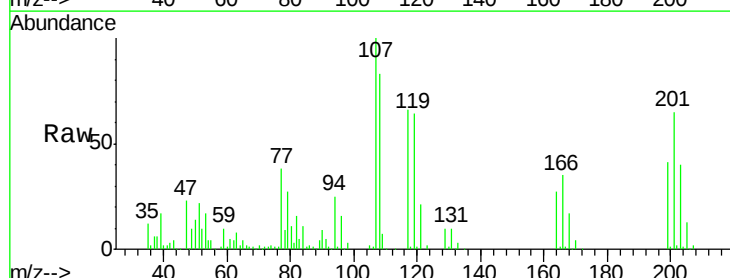
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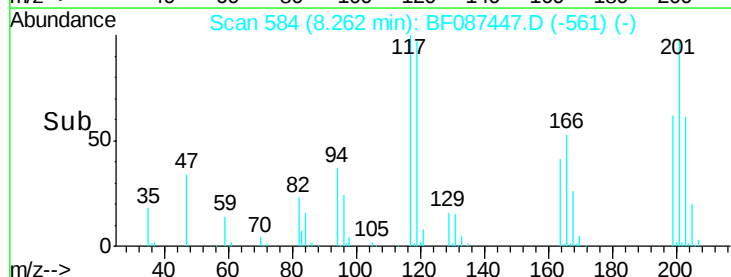
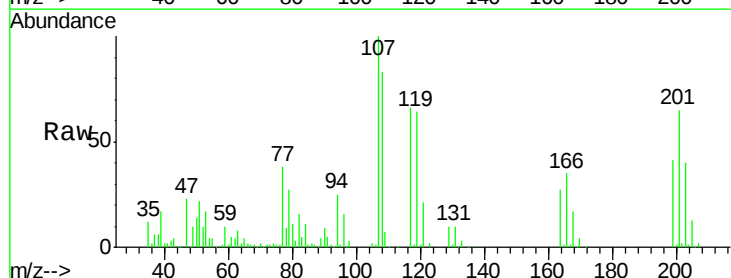
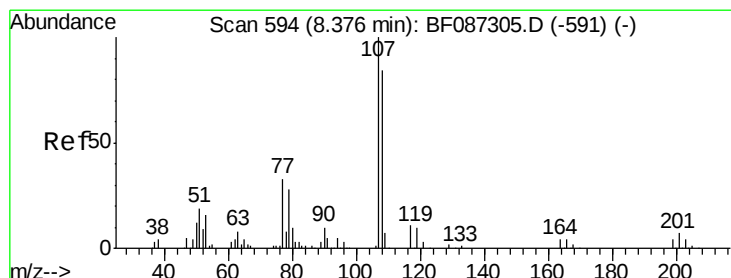
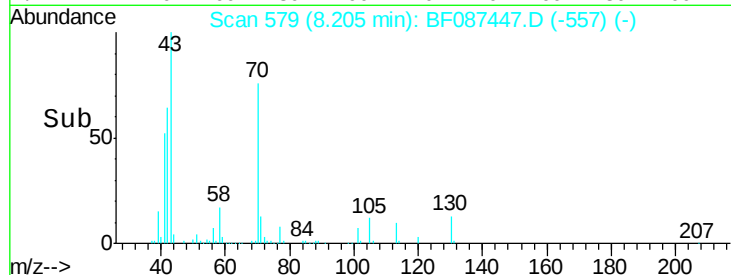
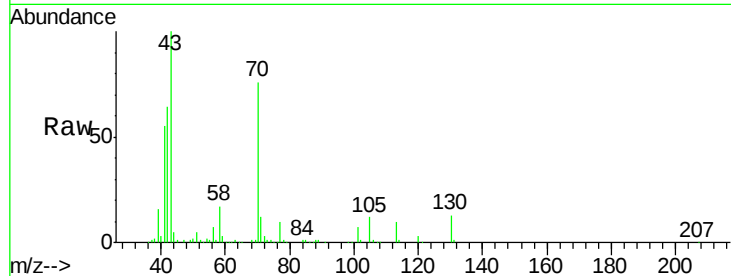
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#18
Hexachloroethane
Concen: 37.40 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	76.5	114.7	
201	97.3	63.0	94.6	





#19

n-Nitroso-di-n-propylamine

Concen: 38.41 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.05 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB90866BS

Tot Ion: 70 Resp: 252377

Ion Ratio Lower Upper

70 100

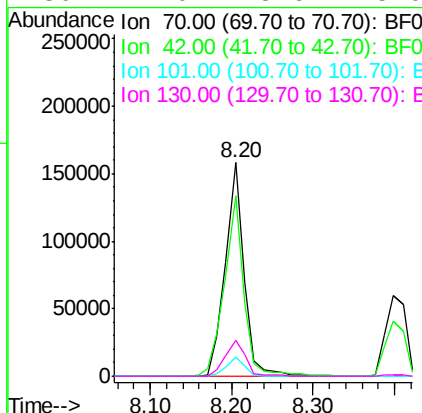
42 84.7 43.1 64.7#

101 8.7 8.1 12.1

130 17.0 18.6 28.0#

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#20

3+4-Methylphenols

Concen: 43.20 ng

RT: 8.26 min Scan# 584

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion: 107 Resp: 340272

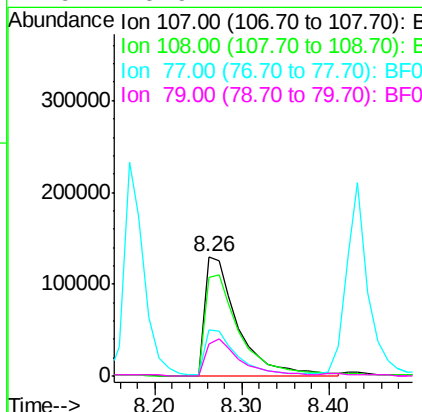
Ion Ratio Lower Upper

107 100

108 82.6 68.5 108.5

77 38.3 101.6 141.6#

79 26.9 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

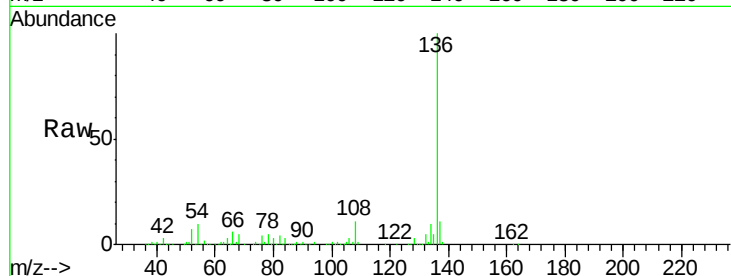
ClientSampled :

PB90866BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		485678		
137	11.1		8.8	13.2	
54	10.5		5.0	7.4#	
68	5.1		4.4	6.6	

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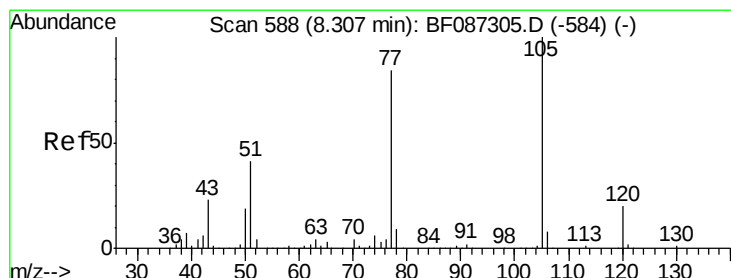
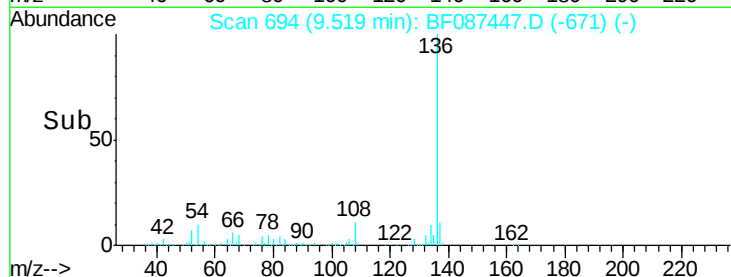
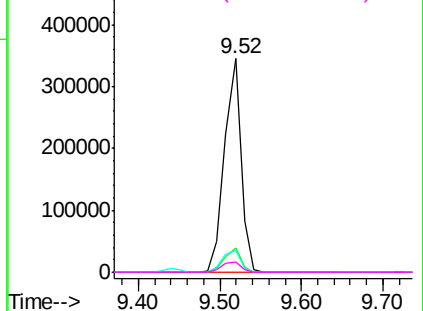
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.01 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.05 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		441057		
71	0.0		4.8	7.2#	
51	43.3		32.6	49.0	
120	19.6		16.5	24.7	

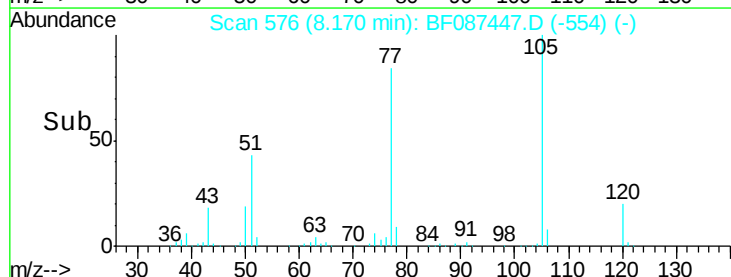
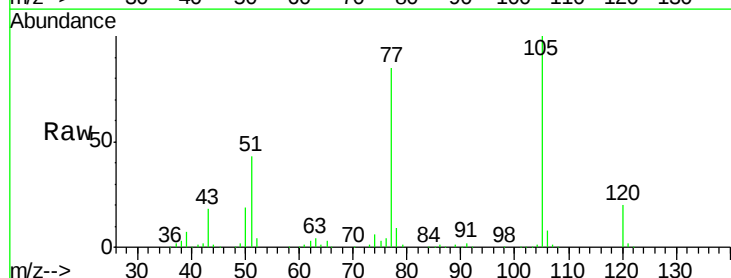
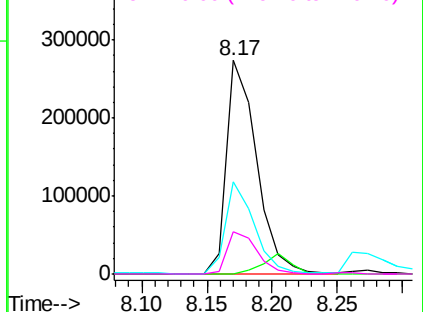
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





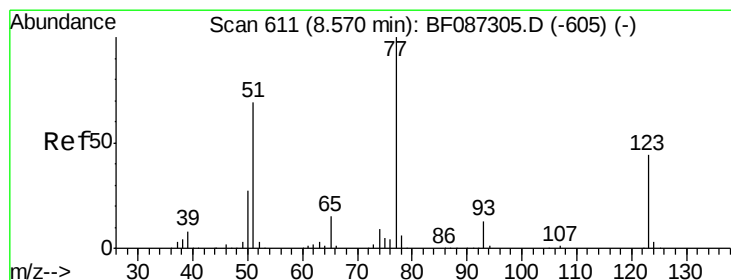
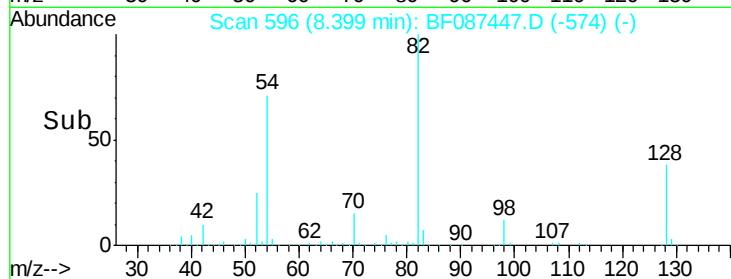
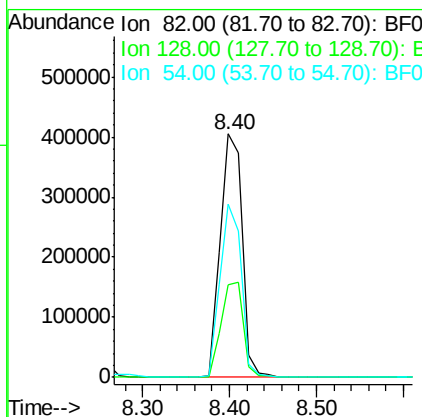
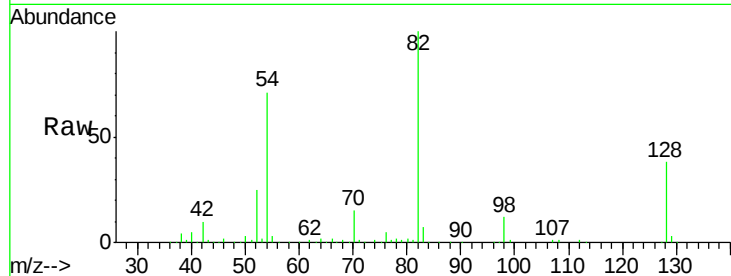
#23
Nitrobenzene-d5
Concen: 74.31 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.8	40.6	61.0#	
54	71.4	38.1	57.1#	

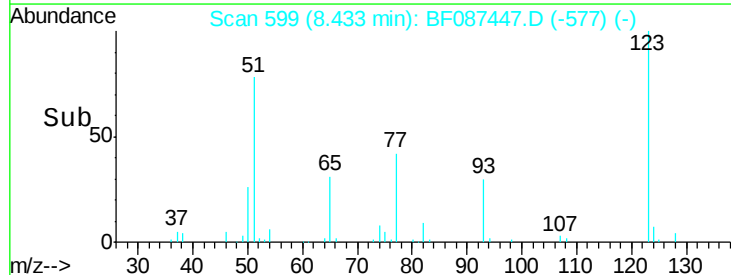
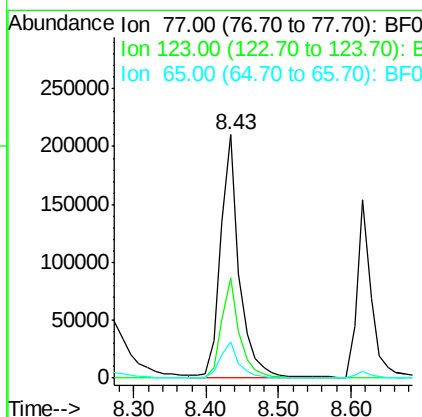
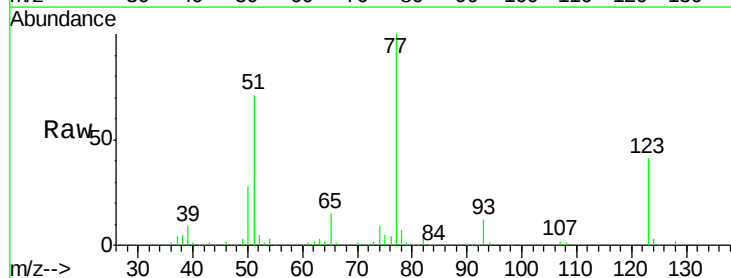
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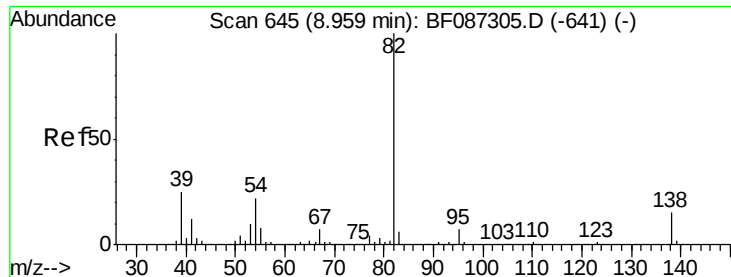
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#24
Nitrobenzene
Concen: 36.33 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.05 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	33.0	49.4	
65	15.1	10.8	16.2	





#25

Isophorone

Concen: 36.85 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

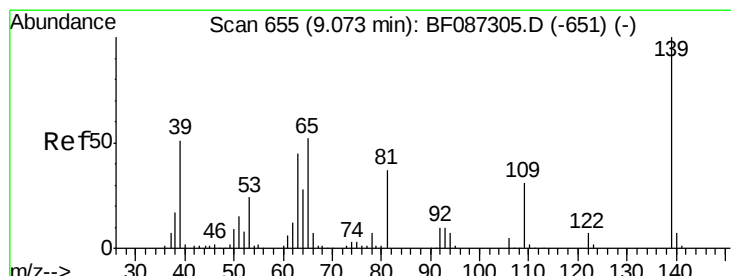
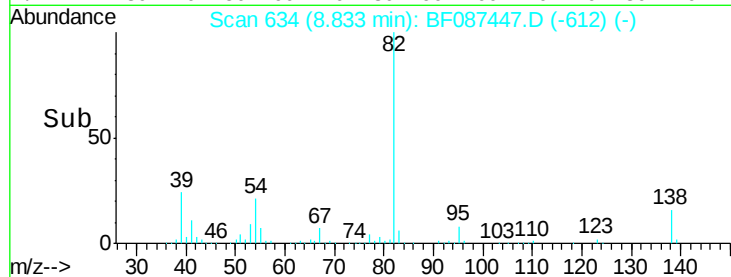
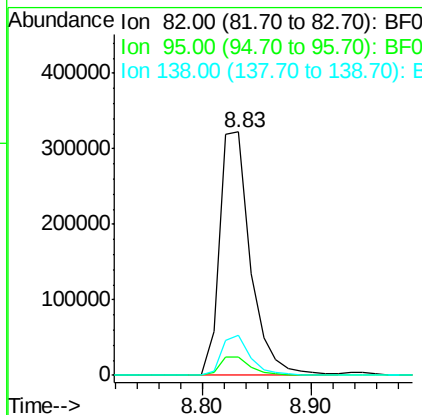
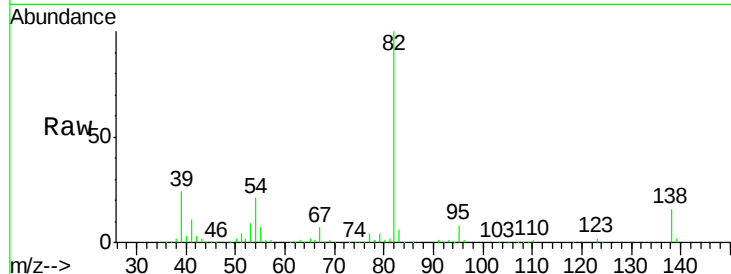
ClientSampleId :

PB90866BS

Tot Ion:	82	Resp:	636835
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.1	7.7
138	16.5	12.4	18.6

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#26

2-Nitrophenol

Concen: 39.21 ng

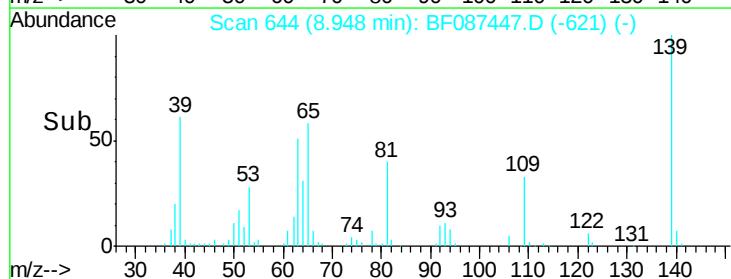
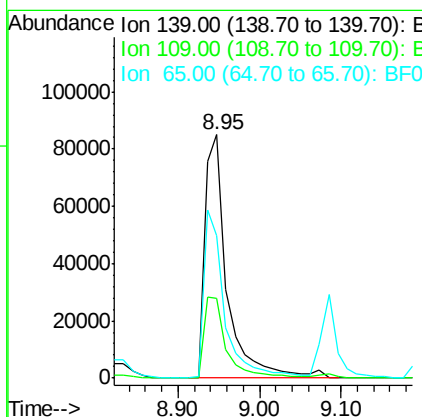
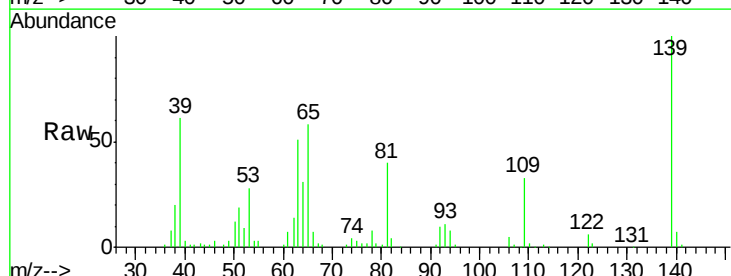
RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion:	139	Resp:	163049
Ion Ratio	Lower	Upper	
139	100		
109	32.5	19.5	29.3#
65	58.3	37.5	56.3#





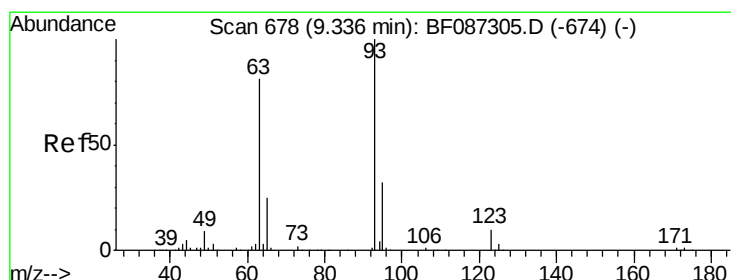
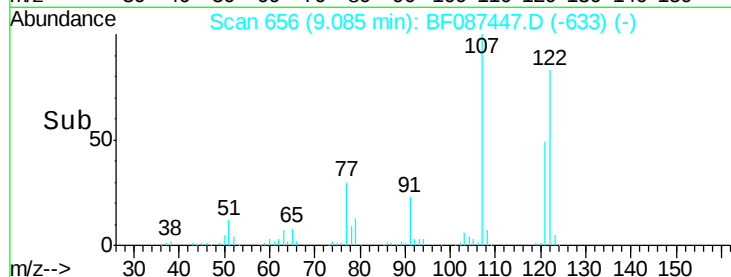
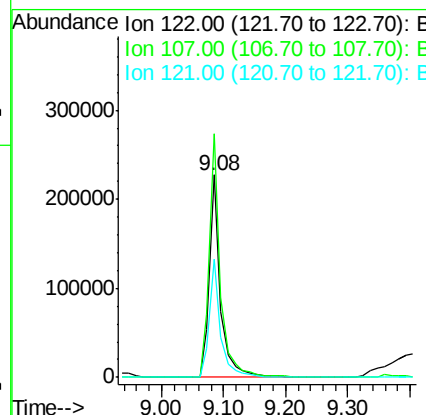
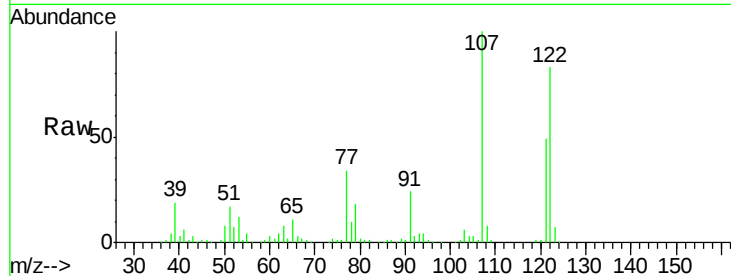
#27
 2,4-Dimethylphenol
 Concen: 39.51 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	285173		
107	120.4	82.0	123.0	
121	58.6	46.1	69.1	

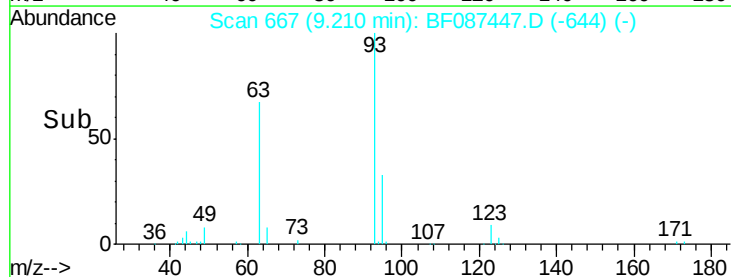
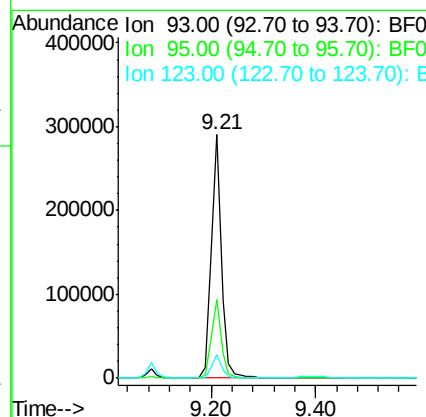
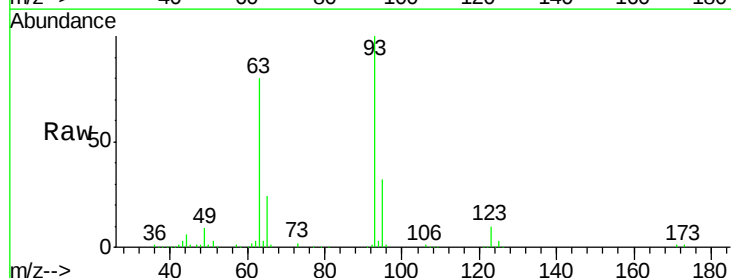
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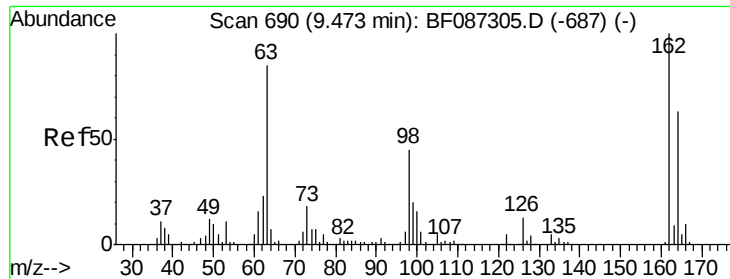
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.73 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	386768		
95	32.5	26.0	39.0	
123	9.6	9.5	14.3	





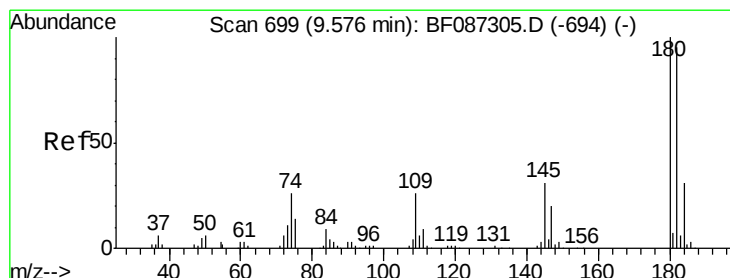
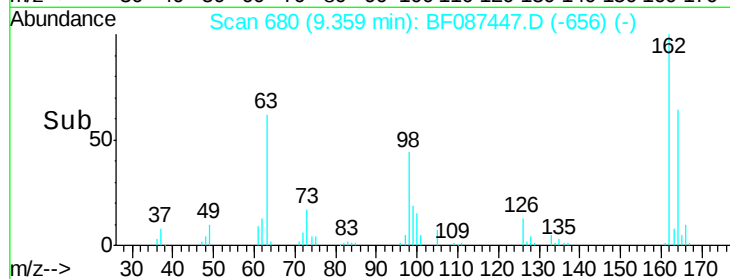
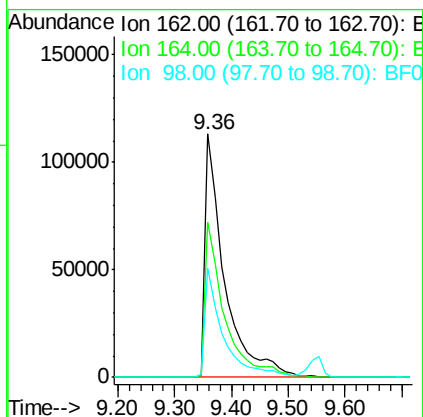
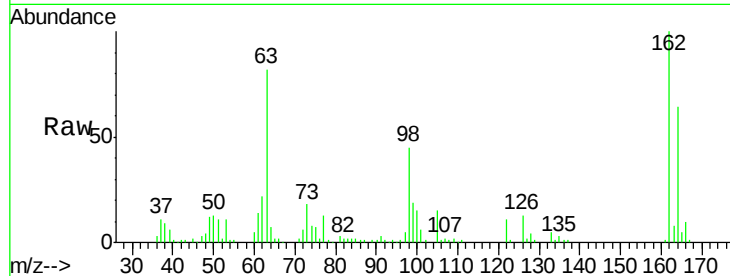
#29
 2,4-Dichlorophenol
 Concen: 40.09 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.02 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion:	162	Resp:	260803
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.2	82.2
98	44.7	19.0	59.0

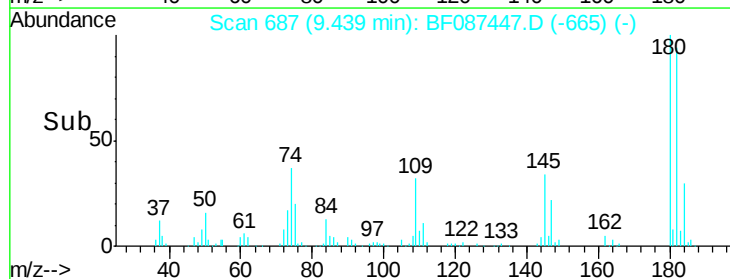
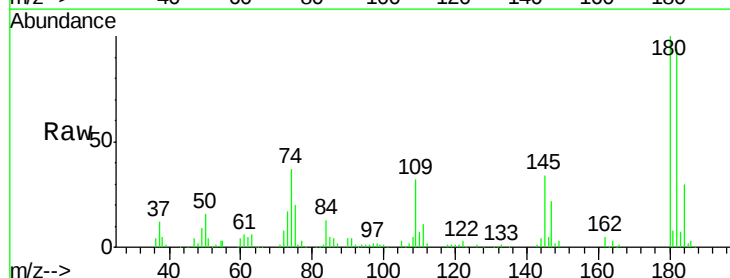
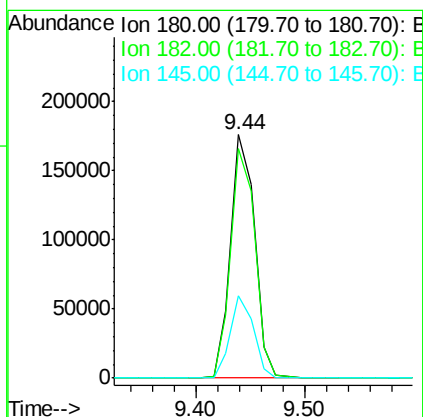
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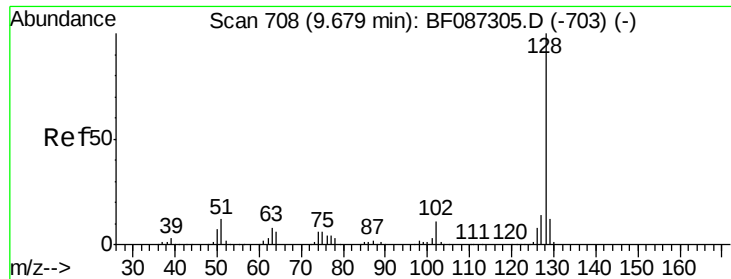
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.11 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.05 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion:	180	Resp:	268895
Ion Ratio	Lower	Upper	
180	100		
182	94.1	78.0	117.0
145	33.7	24.2	36.2





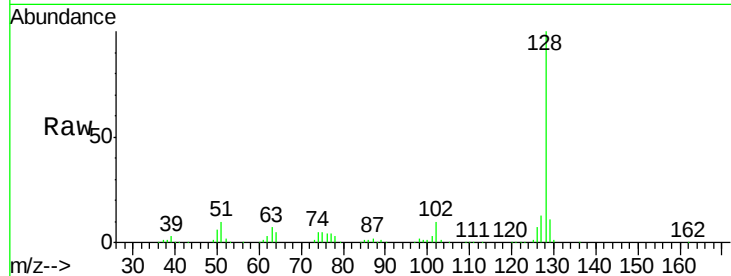
#31
Naphthalene
Concen: 37.29 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

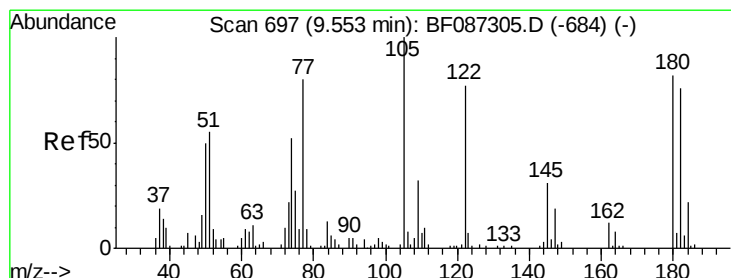
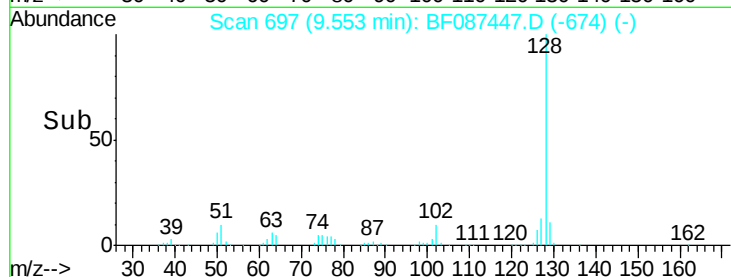
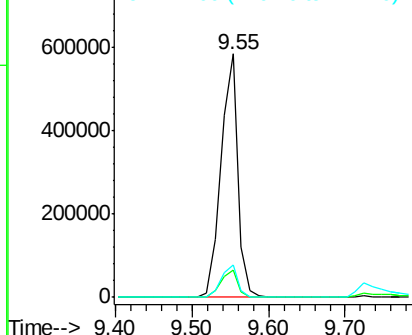
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.6	13.0	
127	13.3	10.8	16.2	

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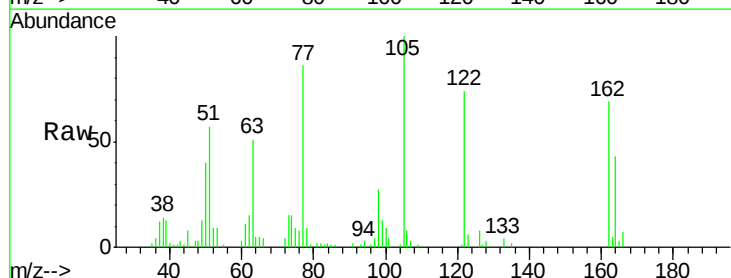


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

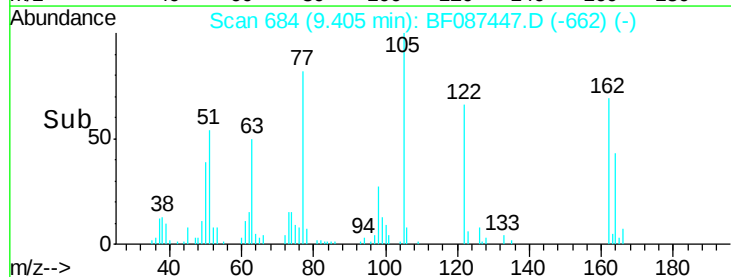
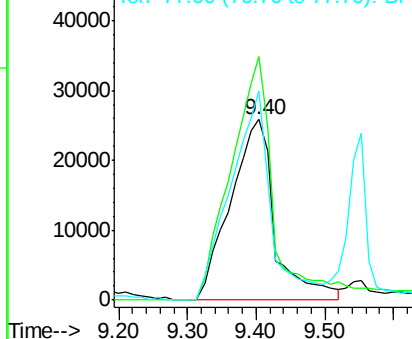


#32
Benzoic acid
Concen: 33.15 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.9	92.6	132.6#	
77	115.8	60.0	100.0#	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





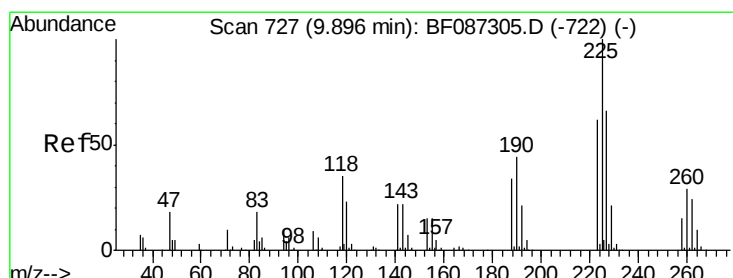
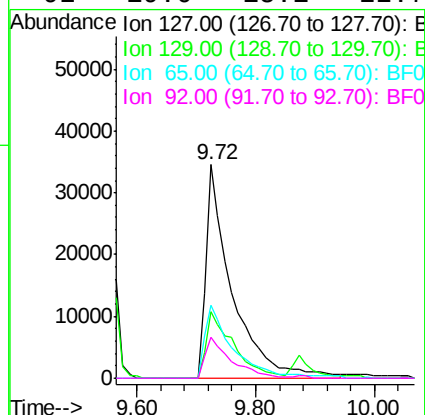
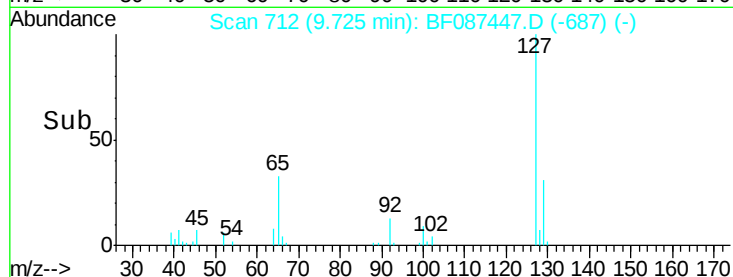
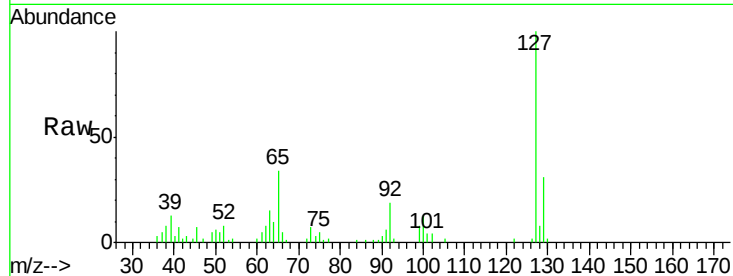
#33
4-Chloroaniline
Concen: 11.88 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9	26.2	39.4		
65	34.4	23.0	34.4		
92	19.0	15.1	22.7		

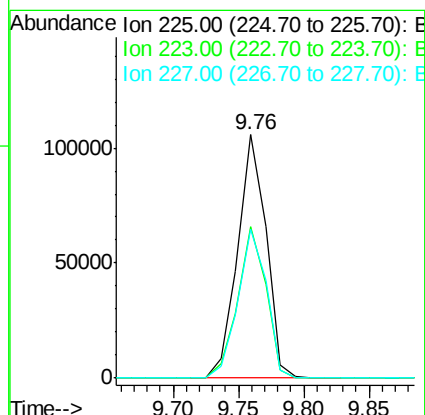
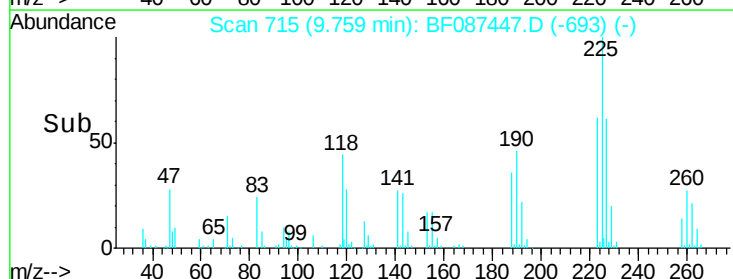
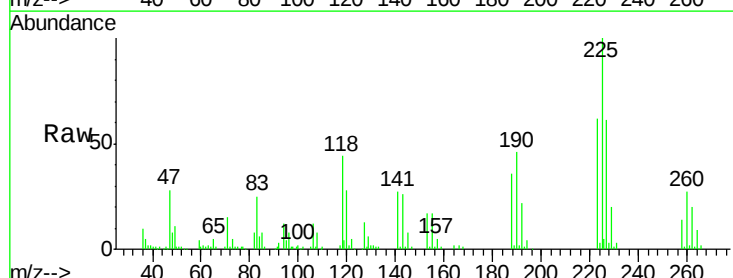
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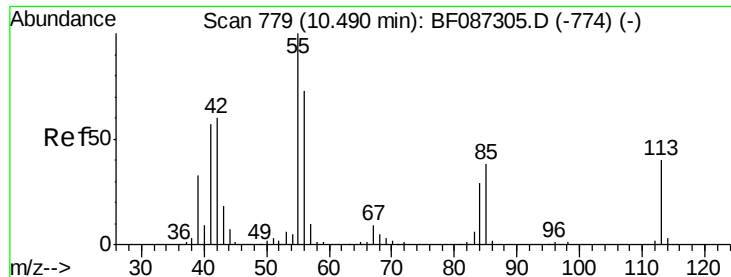
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#34
Hexachlorobutadiene
Concen: 35.29 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	51.5	77.3		
227	60.9	52.2	78.2		





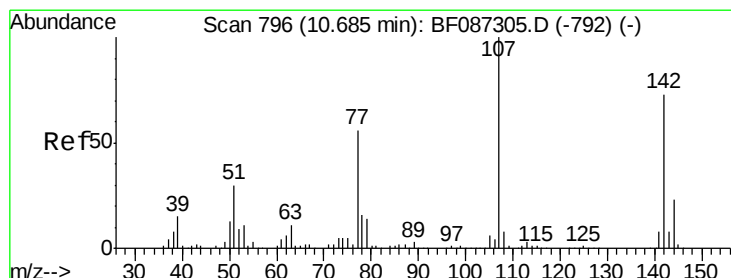
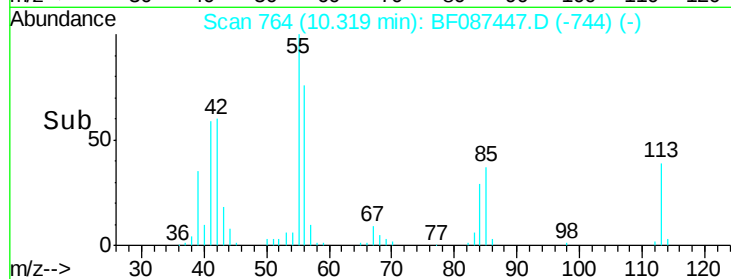
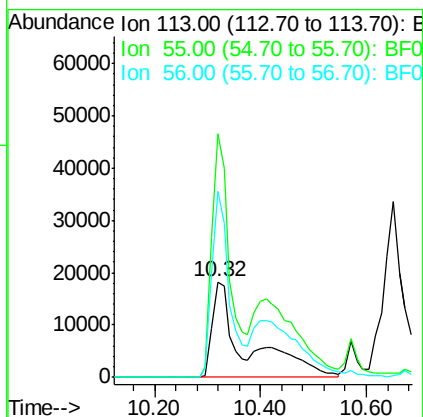
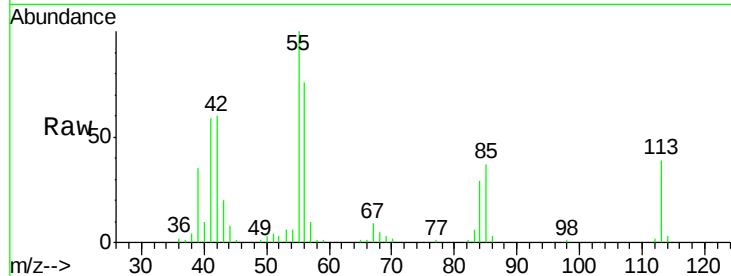
#35
 Caprolactam
 Concen: 41.88 ng/ml
 RT: 10.32 min Scan# 764
 Delta R.T. -0.07 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	255.7	162.0	202.0#
56	195.1	115.3	155.3#

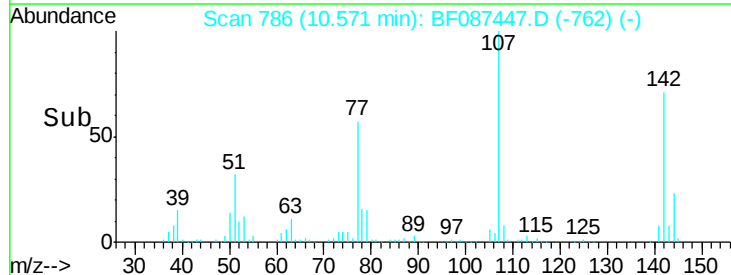
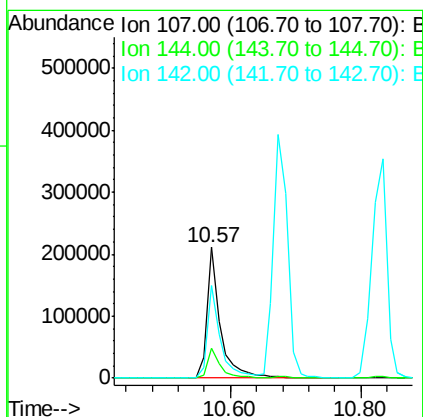
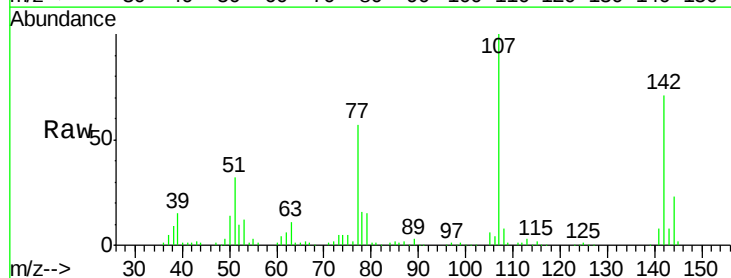
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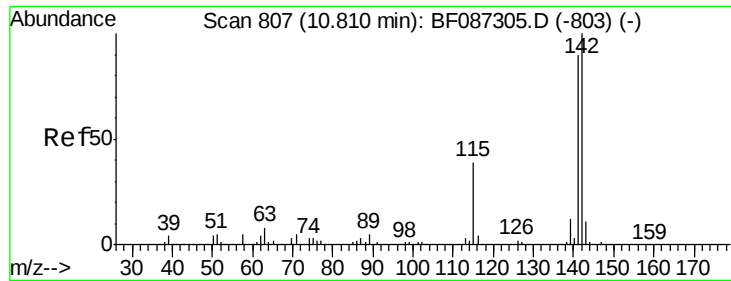
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#36
 4-Chloro-3-methylphenol
 Concen: 40.81 ng/ml
 RT: 10.57 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	20.7	31.1
142	70.7	63.2	94.8





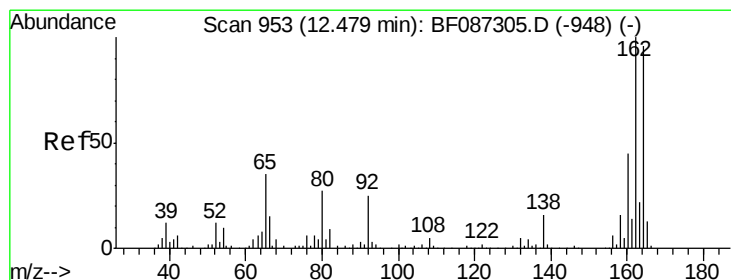
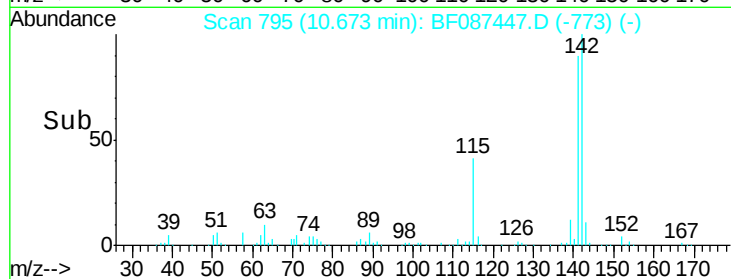
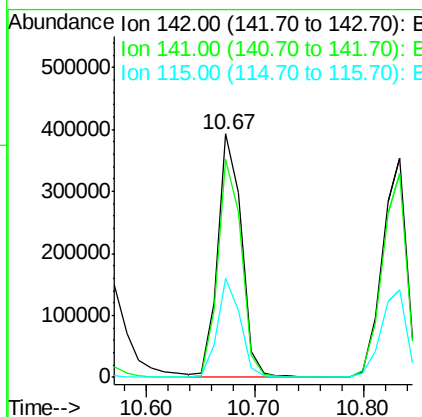
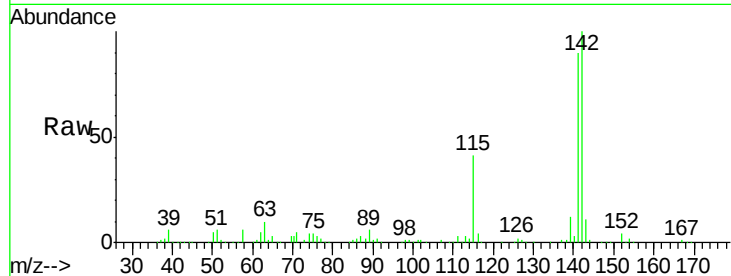
#37
2-Methylnaphthalene
Concen: 39.29 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.05 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampled :
PB90866BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	40.5	26.6	39.8

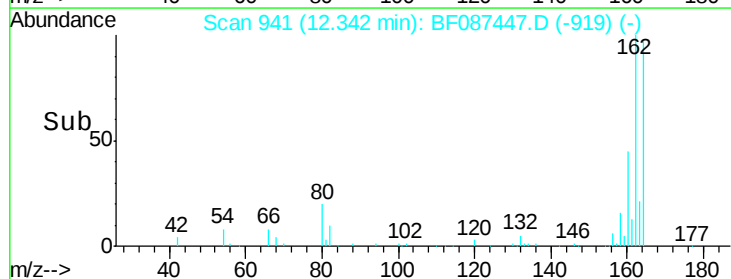
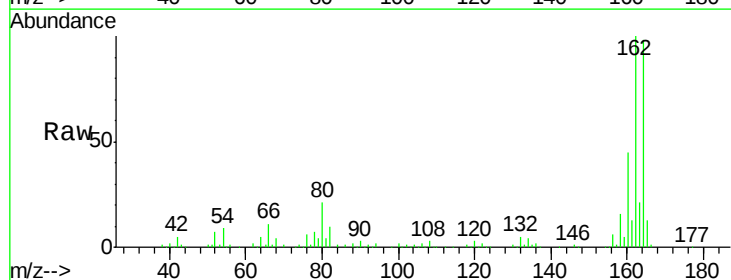
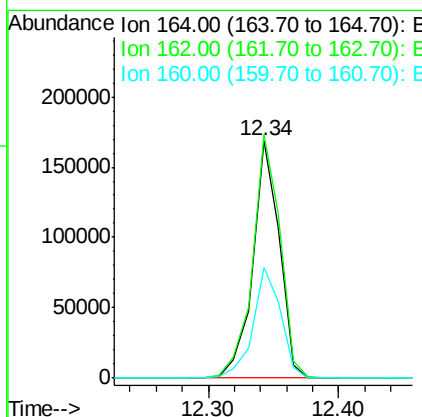
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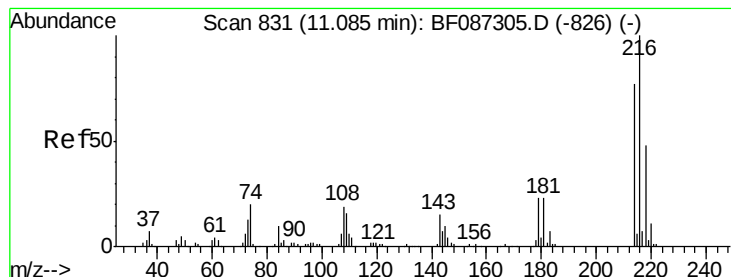
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.05 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	46.4	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.95 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.05 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

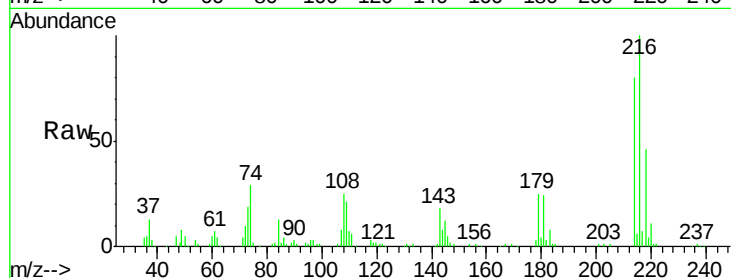
ClientSampleId :

PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	259852		
214	78.8	62.6	93.8	
179	23.6	18.2	27.4	
108	24.1	17.5	26.3	

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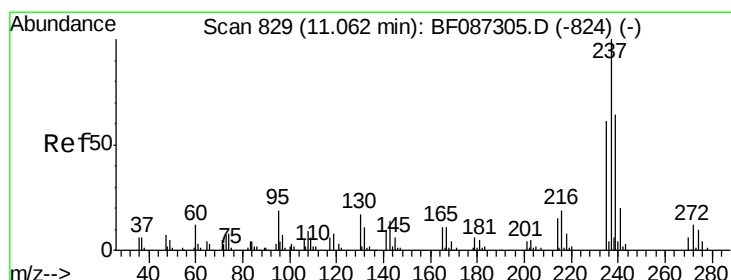
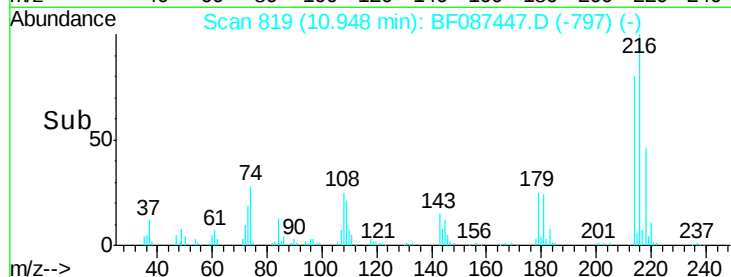
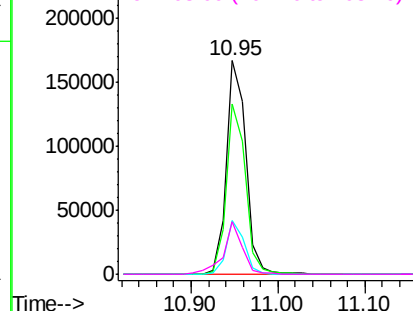
Abundance

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: 58.68 ng

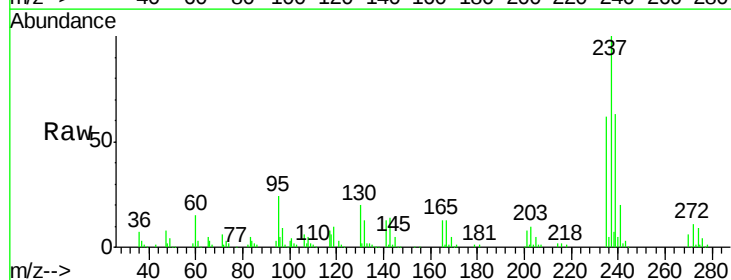
RT: 10.92 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	175814		
235	61.9	47.2	87.2	
272	11.2	0.0	31.1	

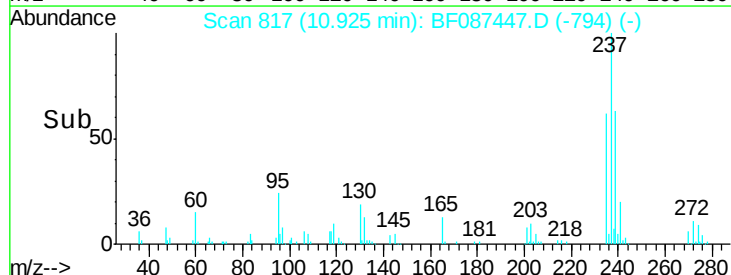
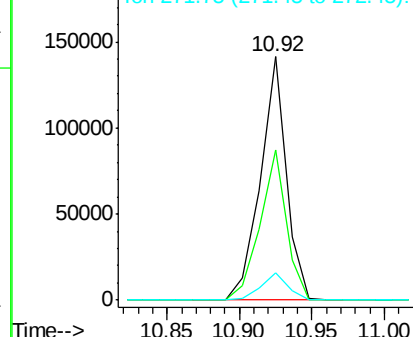


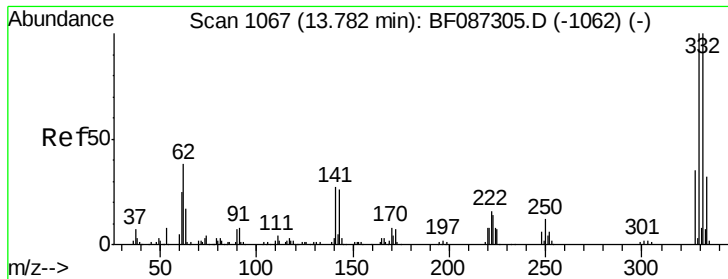
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





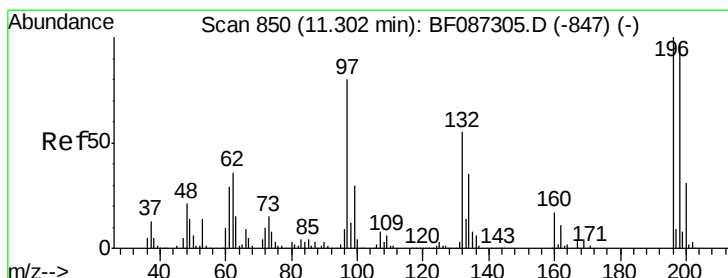
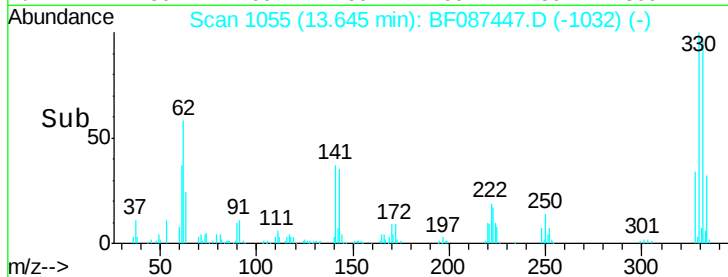
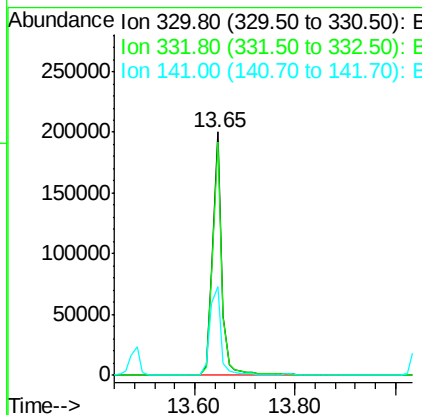
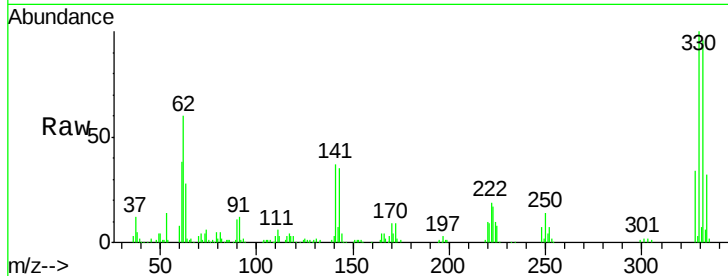
#41
 2,4,6-Tribromophenol
 Concen: 113.33 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260418		
332	95.5	79.0	118.4	
141	43.4	31.2	46.8	

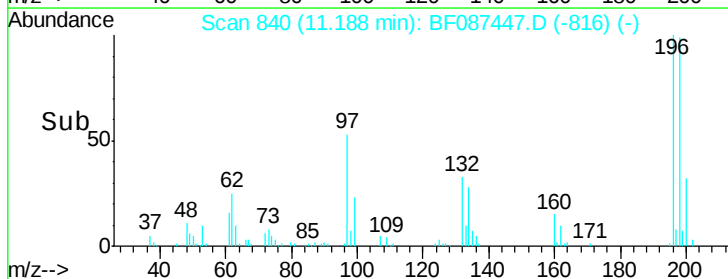
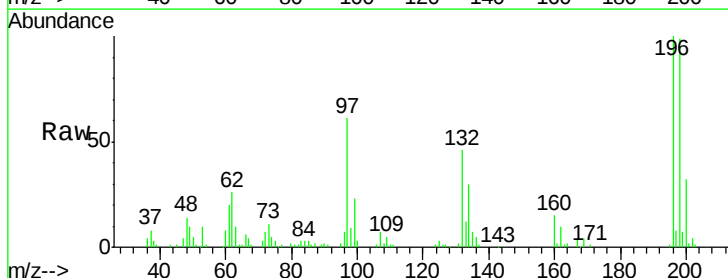
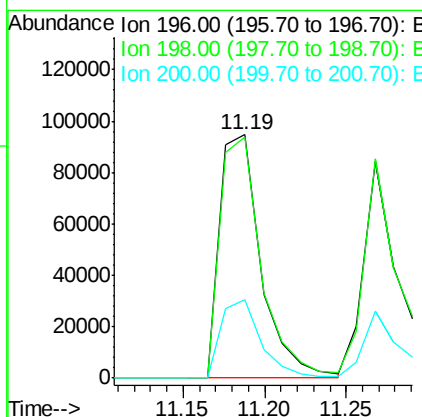
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#42
 2,4,6-Trichlorophenol
 Concen: 37.61 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.02 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166141		
198	98.9	74.7	112.1	
200	32.0	23.8	35.6	





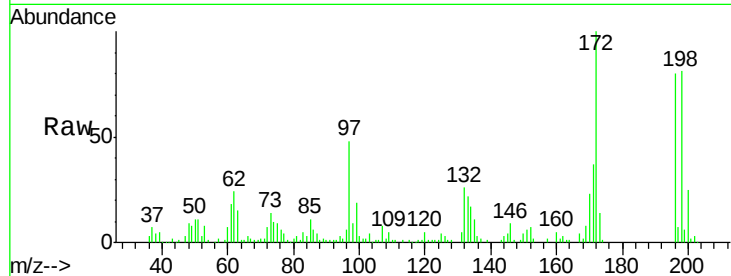
#43
 2,4,5-Trichlorophenol
 Concen: 34.97 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157351		
198	100.7	77.5	116.3	
97	59.5	34.8	52.2	
132	32.2	23.0	34.4	

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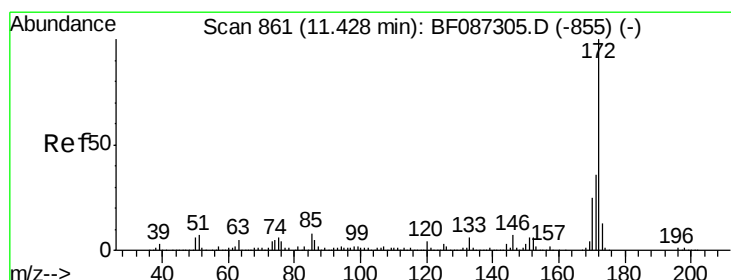
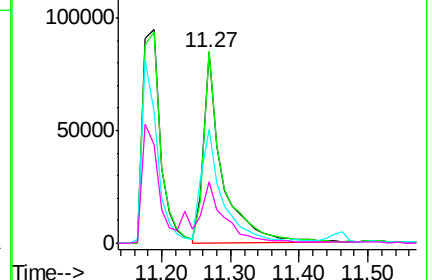
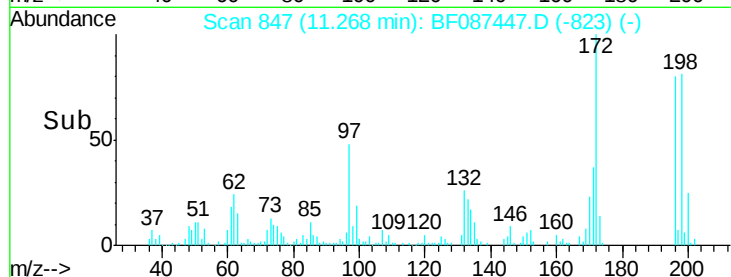
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

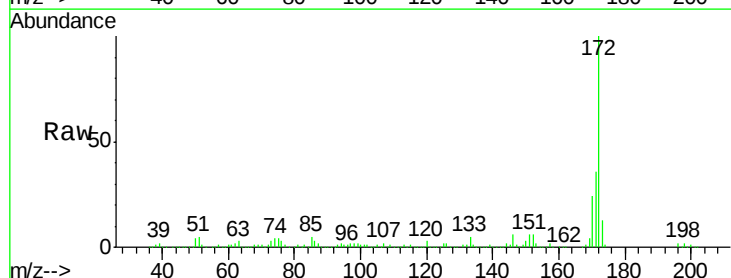
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.29 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1260029		
171	35.8	29.0	43.6	
170	23.8	19.8	29.8	

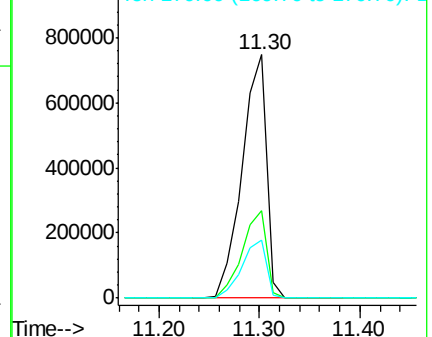
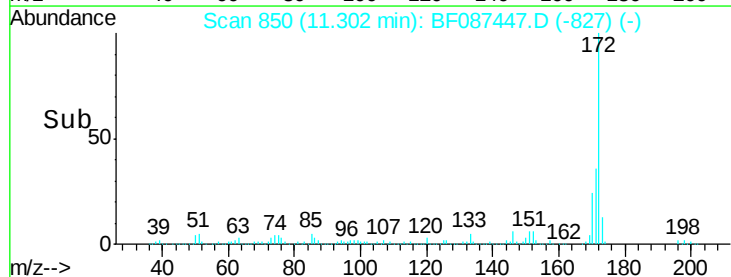


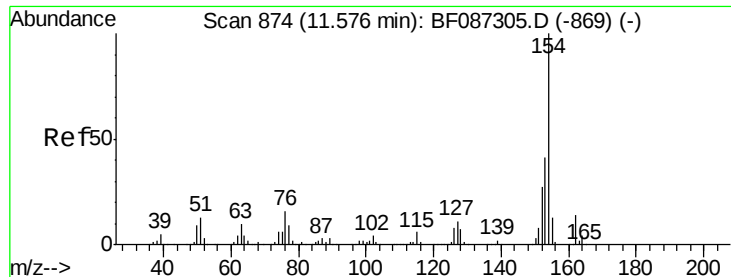
Abundance

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: 37.14 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

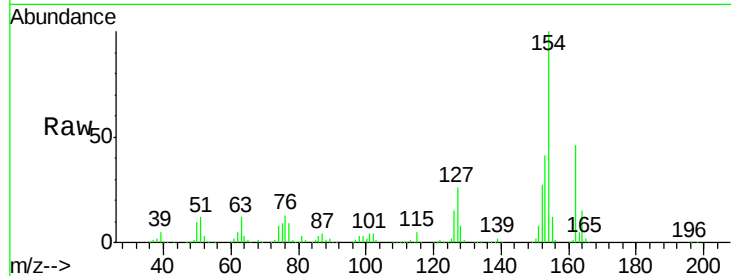
ClientSampleId :

PB90866BS

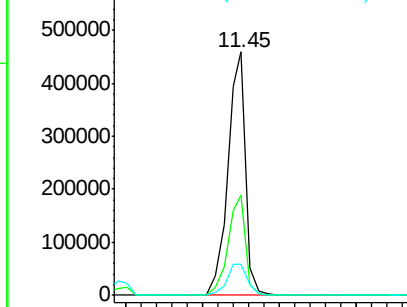
Tot Ion:	154	Resp:	747673
Ion Ratio		Lower	Upper
154	100		
153	40.9	20.3	60.3
76	12.9	0.0	30.2

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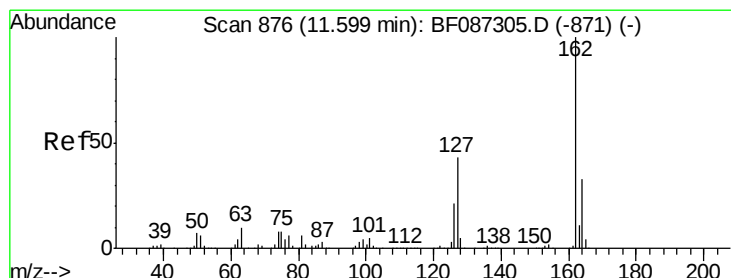
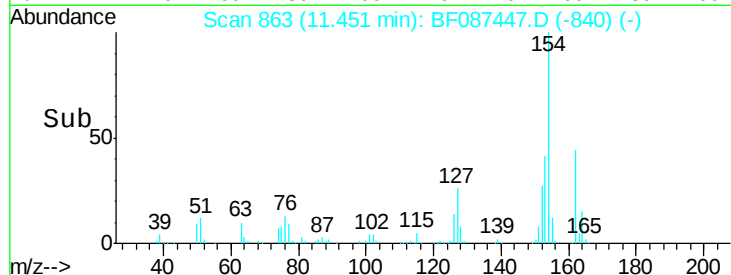
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



Time--> 11.30 11.40 11.50 11.60



#46

2-Chloronaphthalene

Concen: 35.89 ng

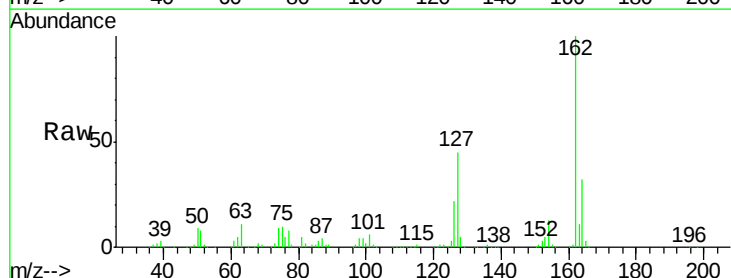
RT: 11.46 min Scan# 864

Delta R.T. -0.03 min

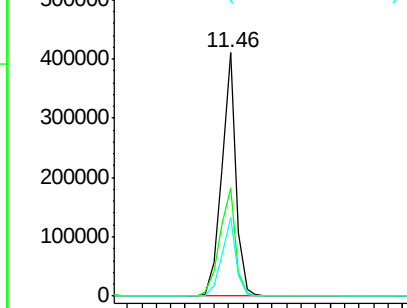
Lab File: BF087447.D

Acq: 27 May 2016 17:21

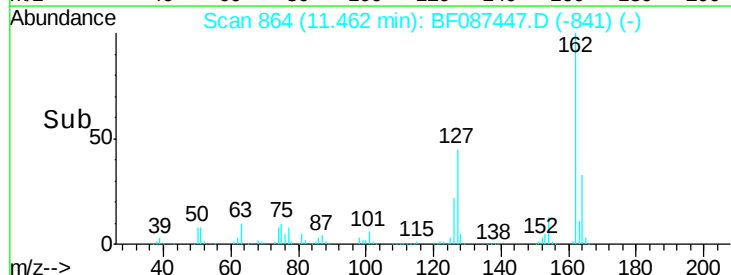
Tgt Ion:	162	Resp:	552782
Ion Ratio		Lower	Upper
162	100		
127	44.6	31.8	47.6
164	32.4	27.0	40.6

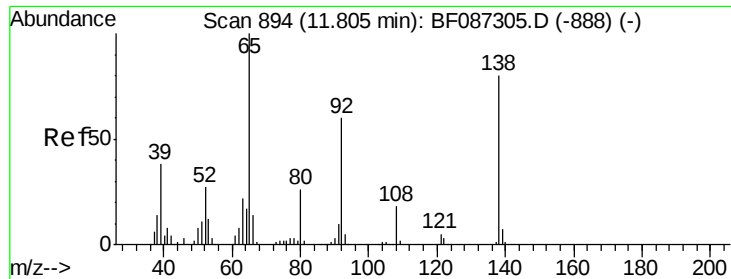


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 11.40 11.50 11.60





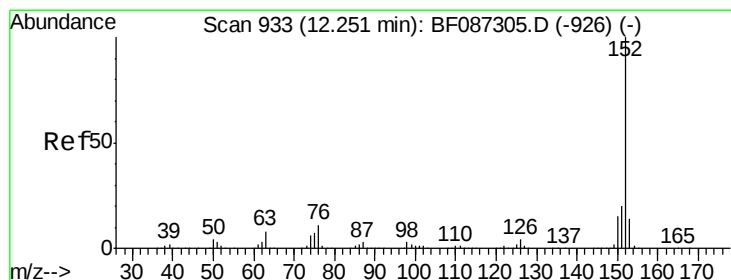
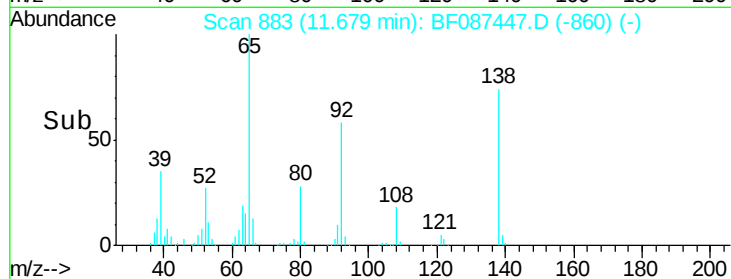
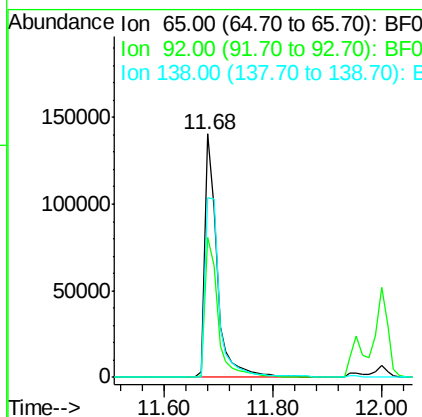
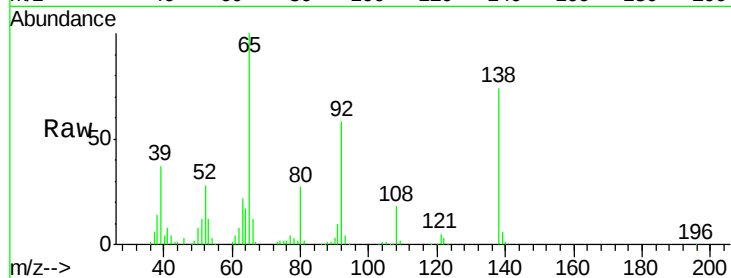
#47
2-Nitroaniline
Concen: 39.51 ng
RT: 11.68 min Scan# 883
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.7	57.4	86.2
138	73.7	90.1	135.1#

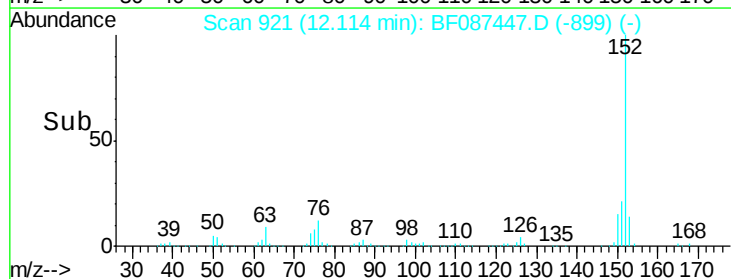
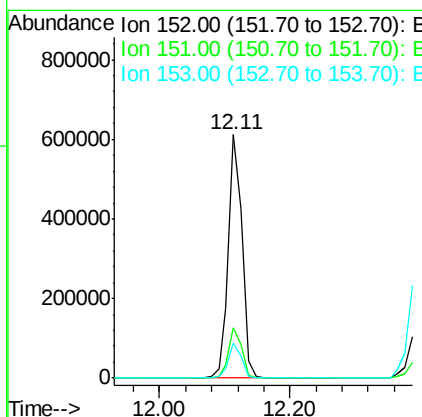
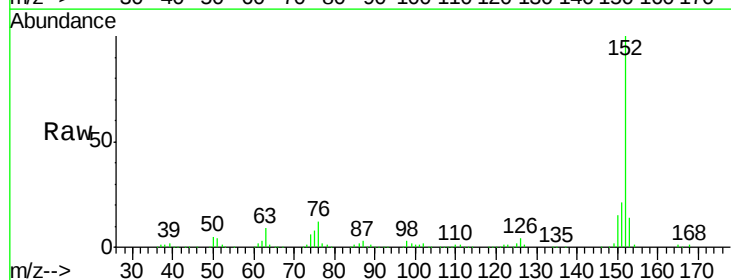
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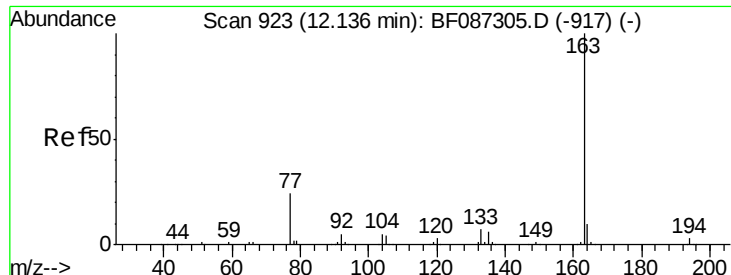
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#48
Acenaphthylene
Concen: 36.65 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.05 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.2	10.9	16.3





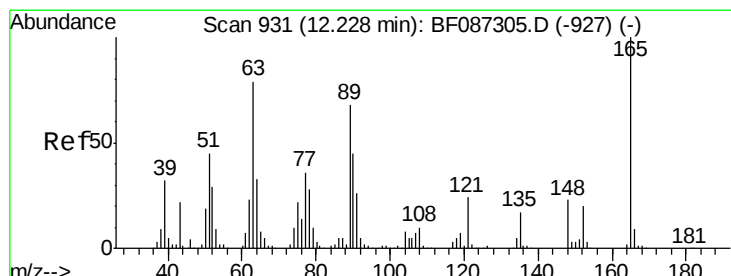
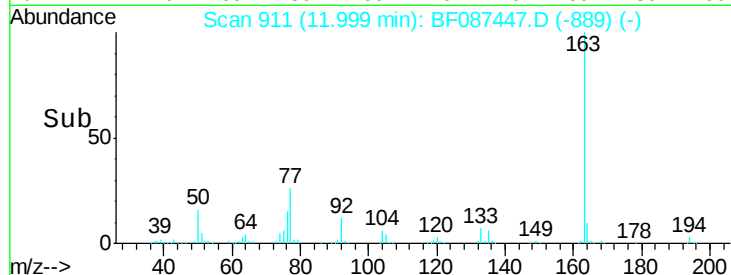
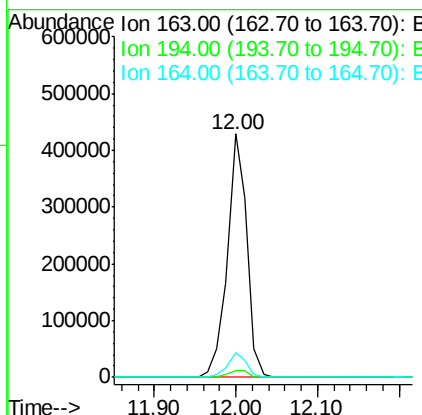
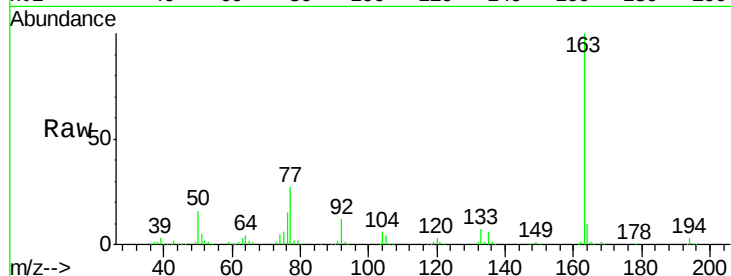
#49
Dimethylphthalate
Concen: 36.88 ng
RT: 12.00 min Scan# 911
Delta R.T. -0.05 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	706414		
194	3.0		2.6	4.0
164	10.1		8.2	12.4

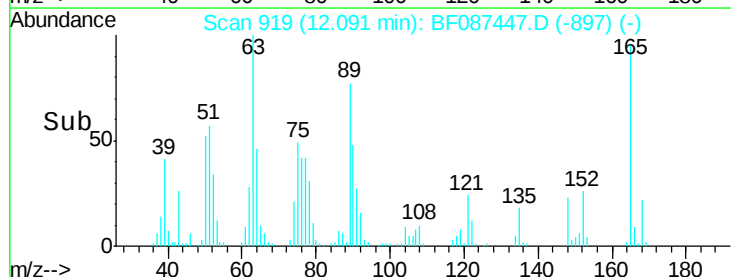
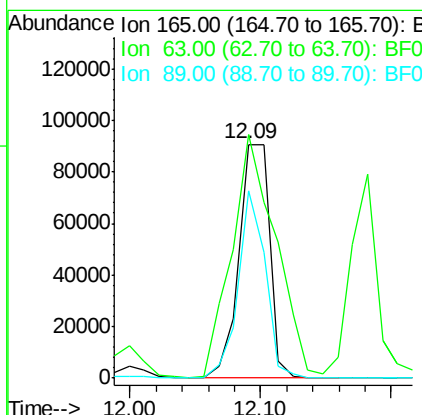
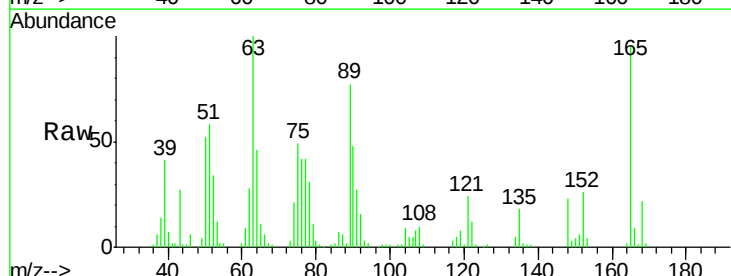
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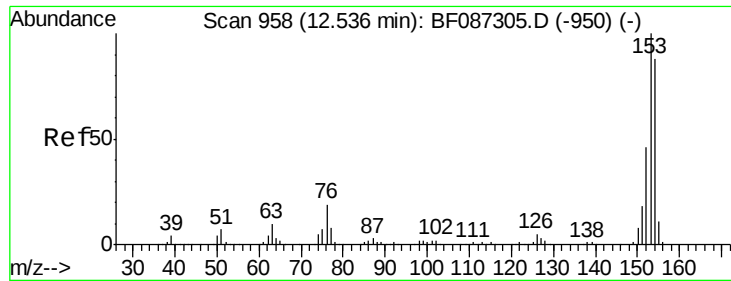
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#50
2,6-Dinitrotoluene
Concen: 38.51 ng
RT: 12.09 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148628		
63	104.1		51.8	77.8#
89	80.1		50.7	76.1#





#51

Acenaphthene

Concen: 36.31 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

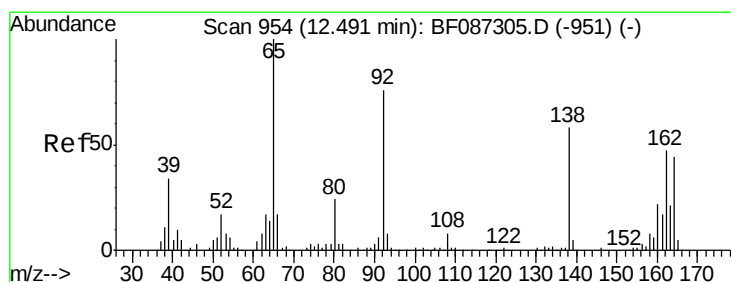
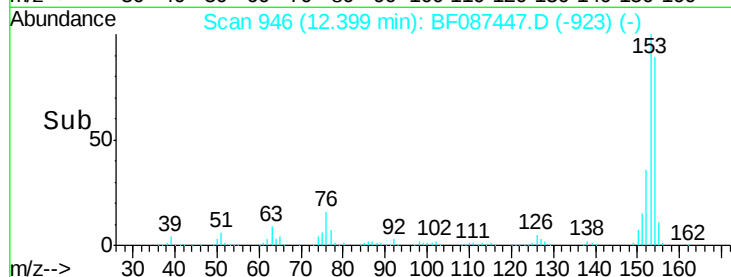
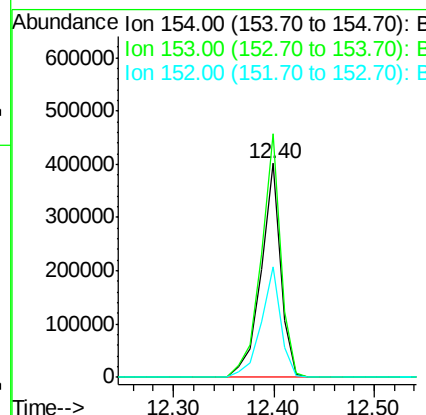
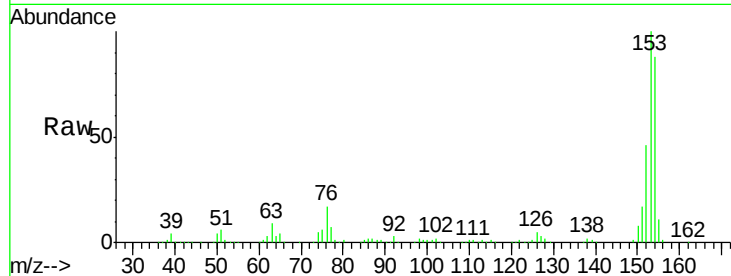
ClientSampleId :

PB90866BS

Tot Ion:	154	Resp:	544249
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.8	134.6
152	51.8	43.4	65.0

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#52

3-Nitroaniline

Concen: 18.20 ng

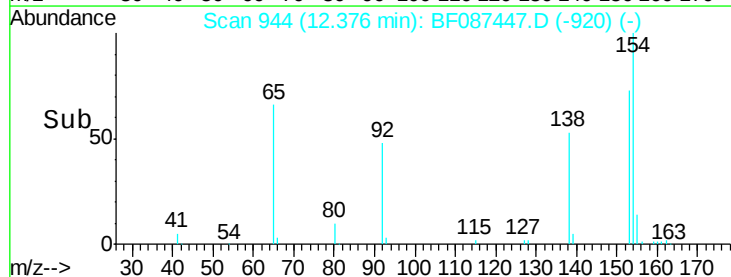
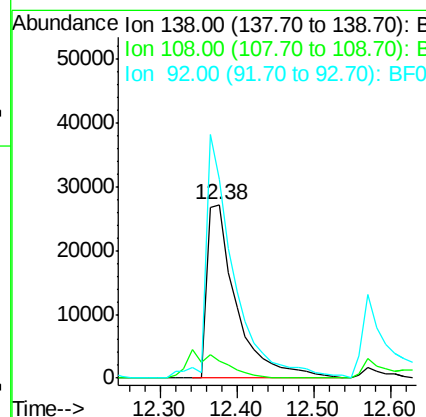
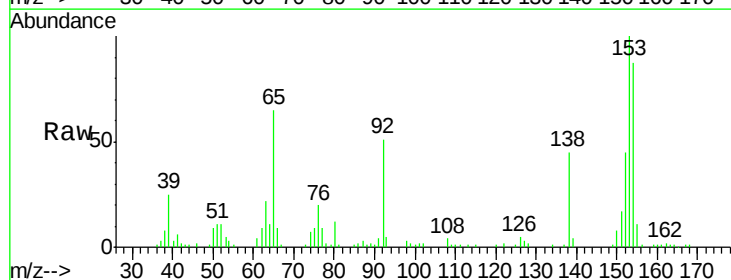
RT: 12.38 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion:	138	Resp:	72099
Ion Ratio	Lower	Upper	
138	100		
108	9.6	7.8	11.6
92	114.5	87.8	131.8





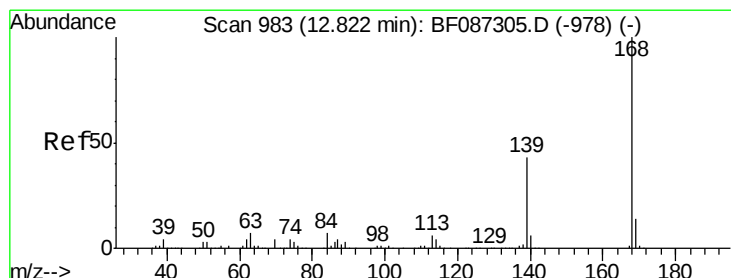
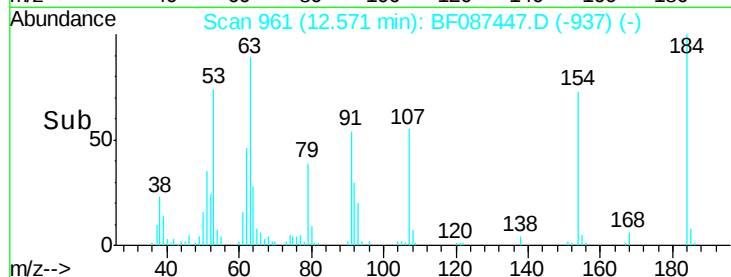
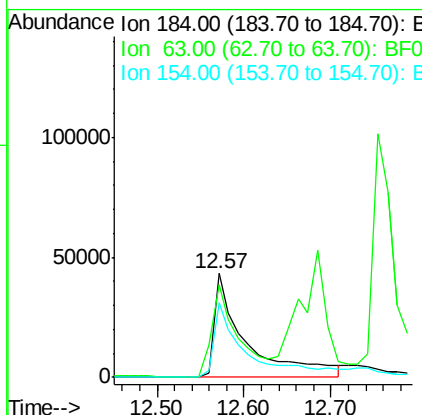
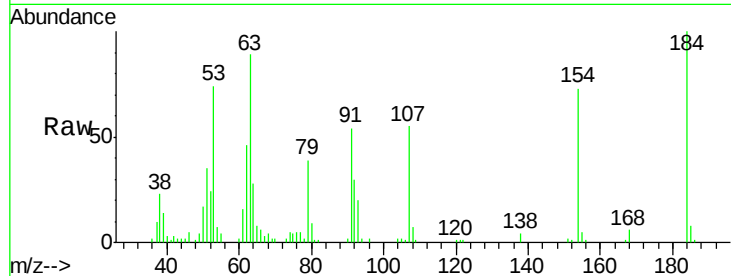
#53
2,4-Dinitrophenol
Concen: 57.78 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	89.4	55.8	83.8	
154	72.5	62.4	93.6	

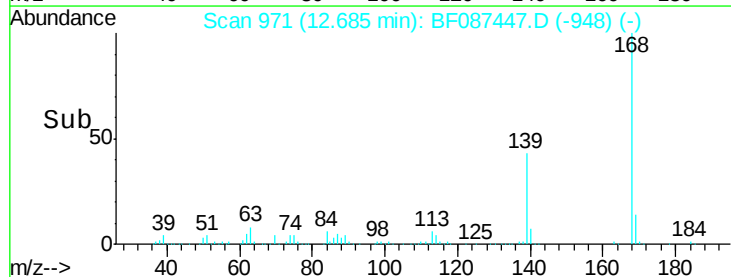
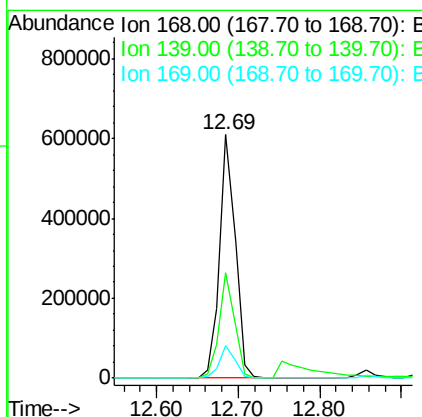
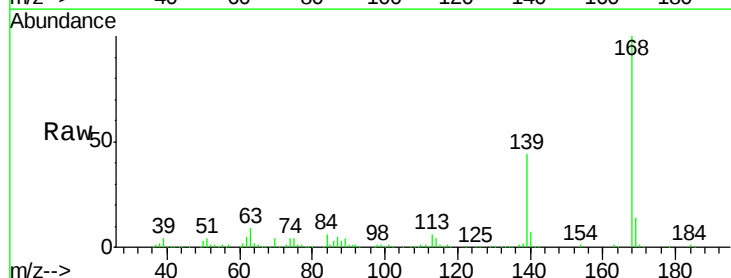
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#54
Dibenzofuran
Concen: 40.12 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.5	31.4	47.0	
169	13.5	10.7	16.1	





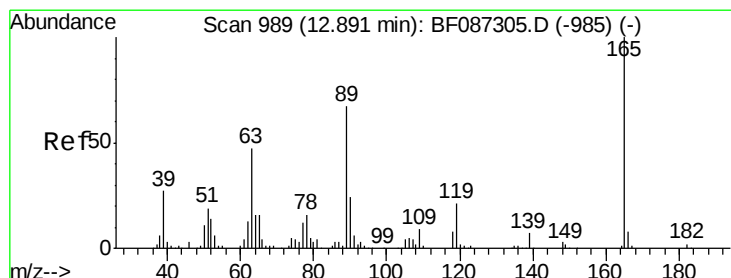
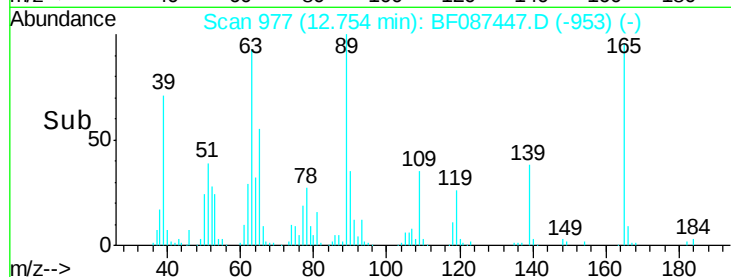
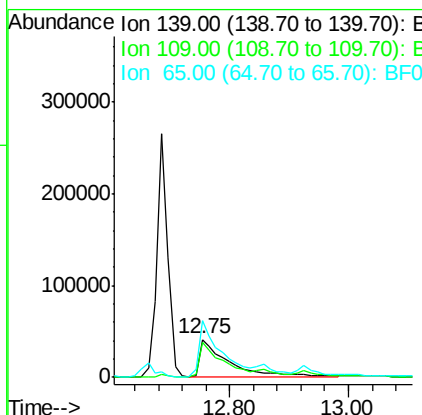
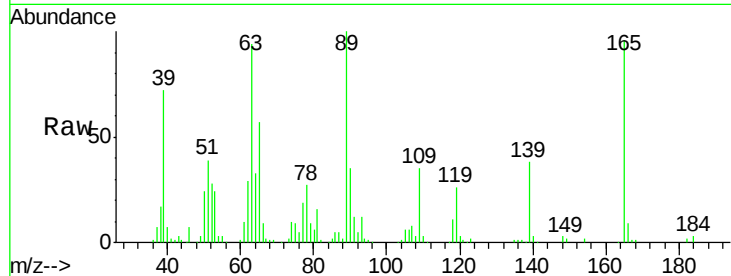
#55
4-Nitrophenol
Concen: 73.37 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	90.5	36.9	76.9#	
65	147.6	64.0	104.0#	

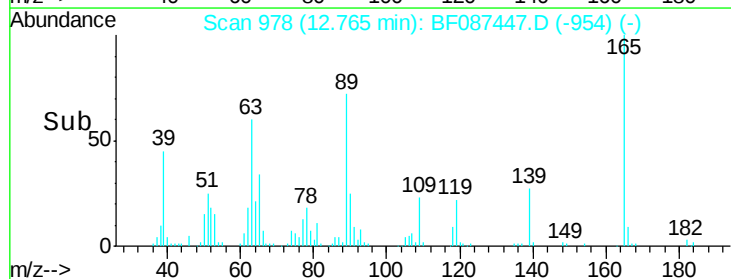
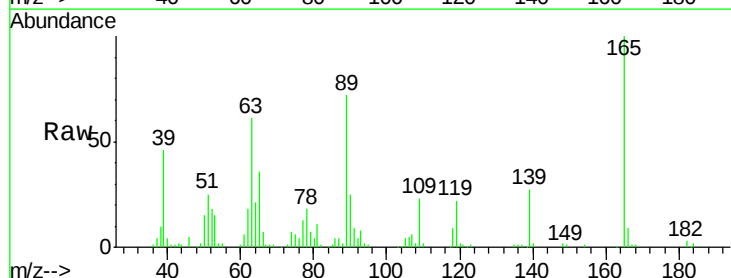
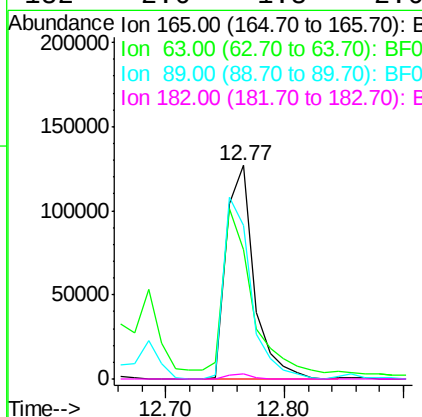
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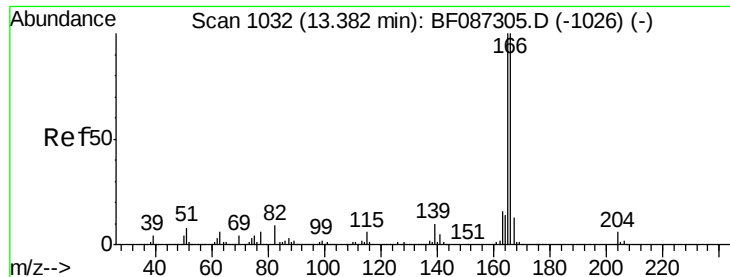
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#56
2,4-Dinitrotoluene
Concen: 39.84 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.5	44.3	66.5	
89	71.9	70.0	105.0	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 37.85 ng

RT: 13.25 min Scan# 1020

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

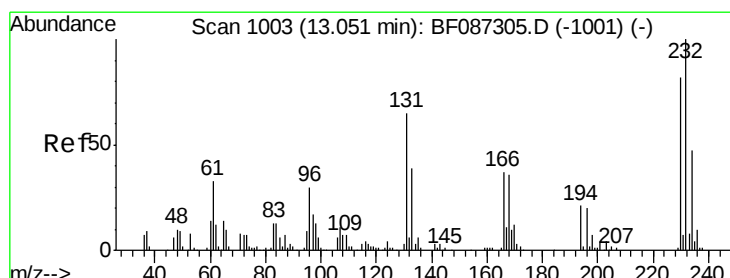
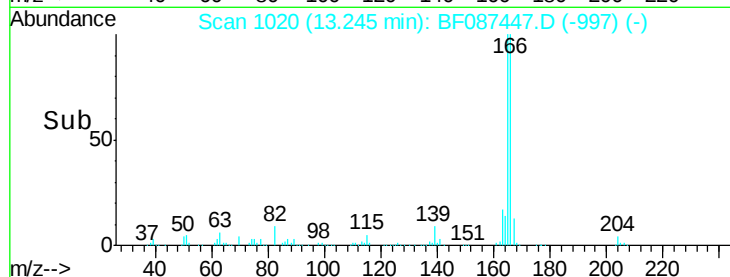
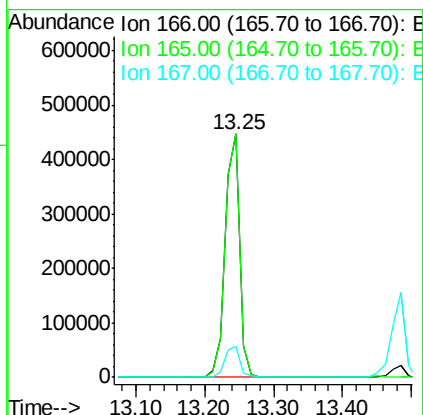
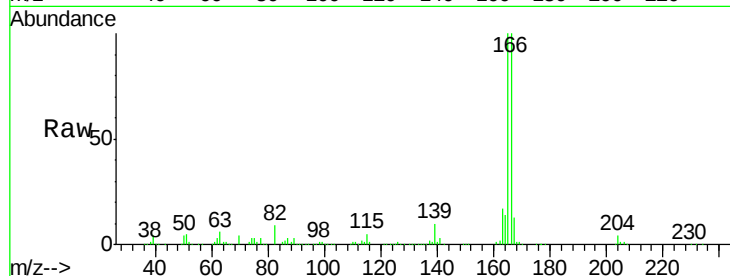
ClientSampleId :

PB90866BS

Tot Ion:	166	Resp:	665949
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.0	118.6
167	13.0	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.99 ng

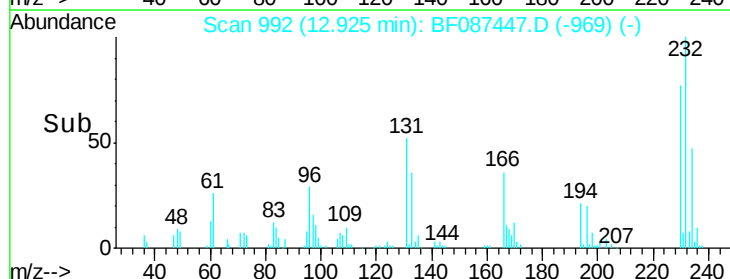
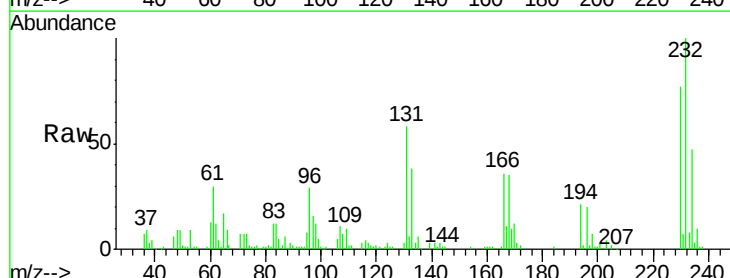
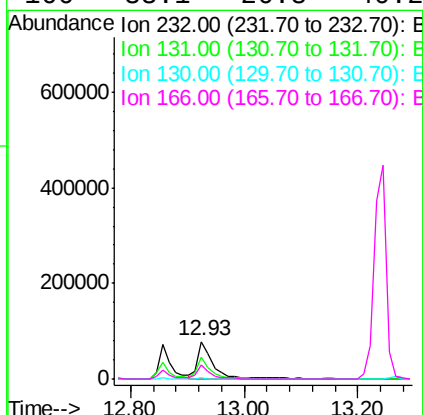
RT: 12.93 min Scan# 992

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion:	232	Resp:	141877
Ion Ratio	Lower	Upper	
232	100		
131	53.1	41.9	62.9
130	2.8	2.2	3.4
166	33.1	26.8	40.2





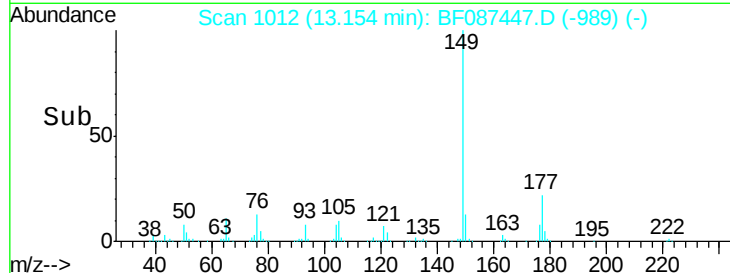
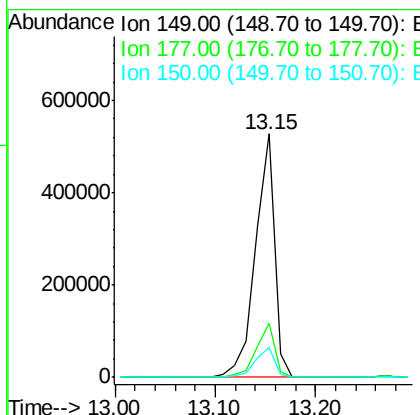
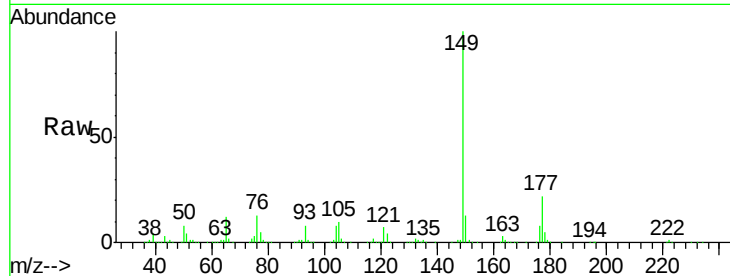
#59
Diethylphthalate
Concen: 37.60 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	700268		
177	22.1	16.6	24.8	
150	12.5	10.0	15.0	

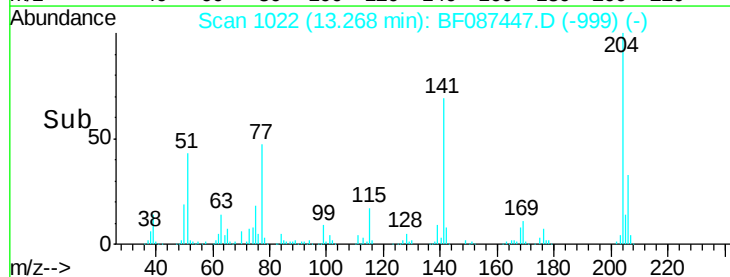
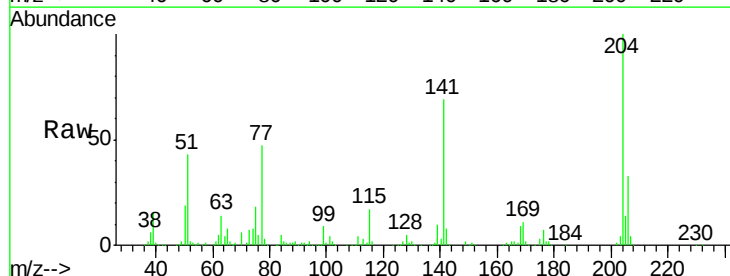
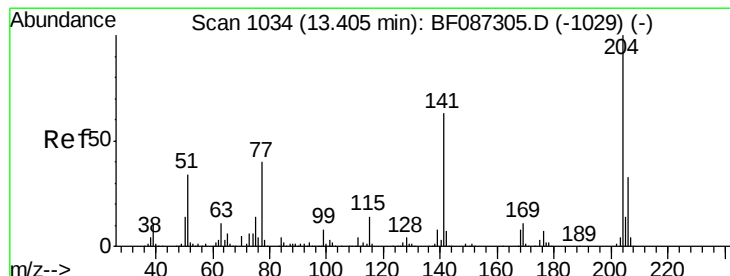
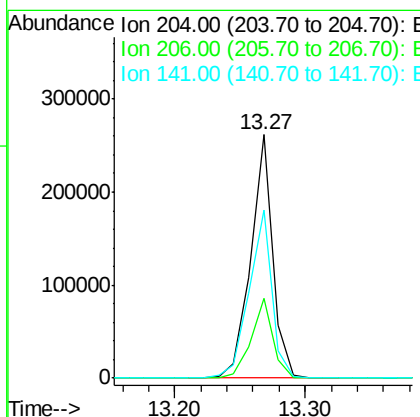
Manual Integrations
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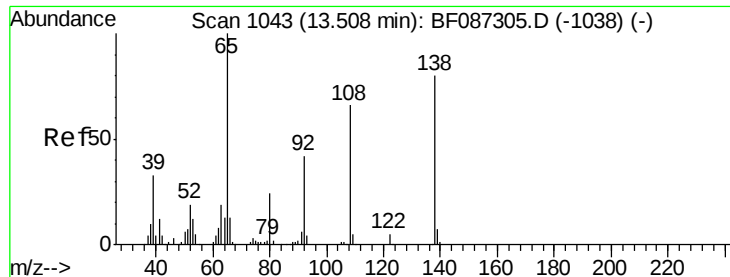
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#60
4-Chlorophenyl-phenylether
Concen: 35.90 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	308083		
206	32.8	25.4	38.0	
141	68.9	61.6	92.4	





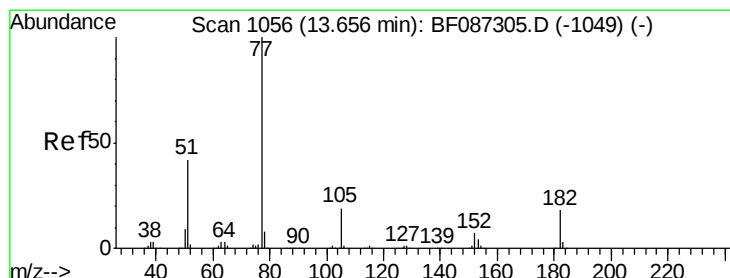
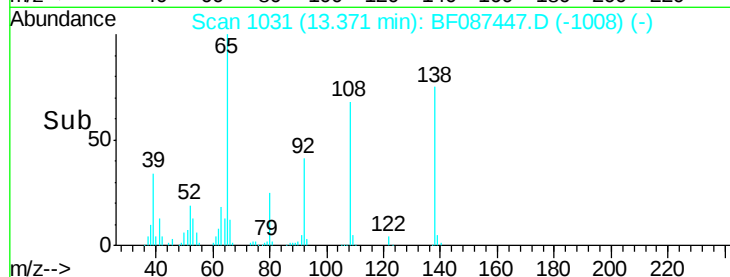
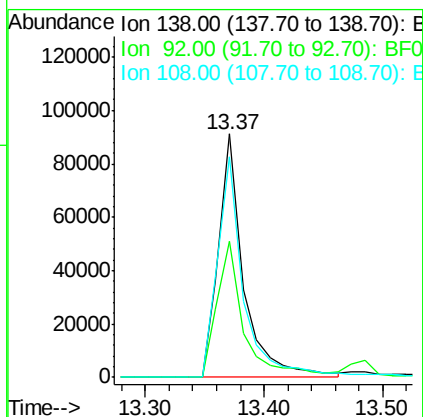
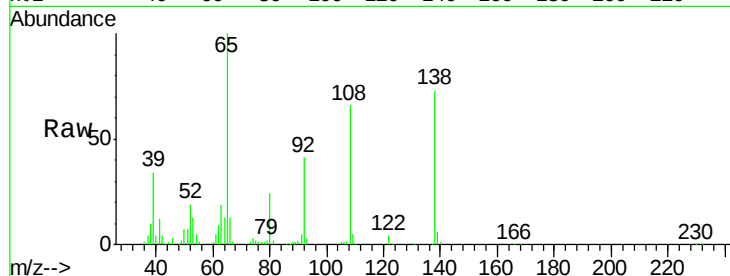
#61
4-Nitroaniline
Concen: 36.14 ng
RT: 13.37 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.7	24.7	64.7
108	90.6	37.4	77.4

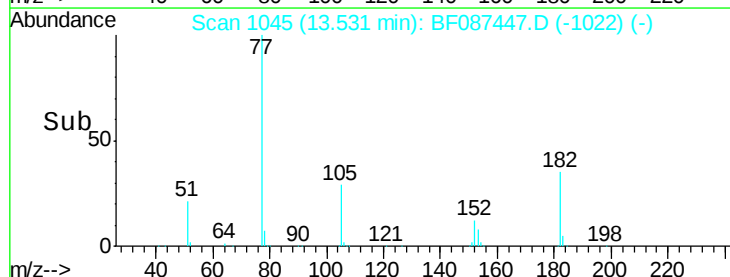
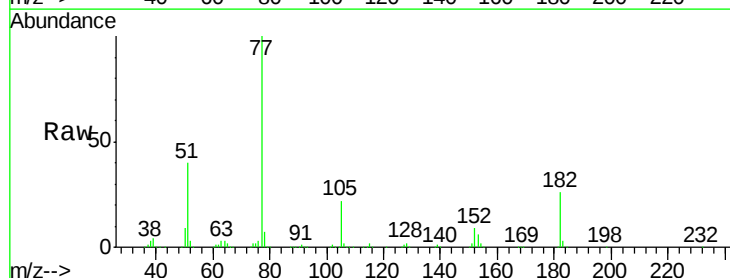
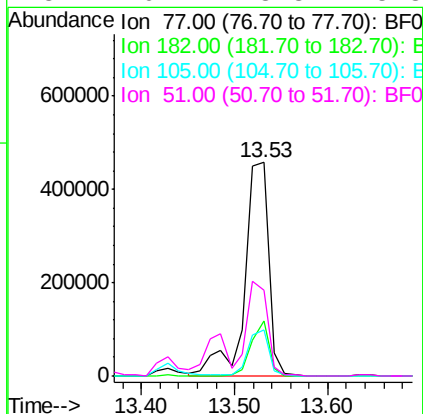
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#62
Azobenzene
Concen: 42.37 ng
RT: 13.53 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	0.0	38.8
105	21.5	3.2	43.2
51	40.2	8.8	48.8





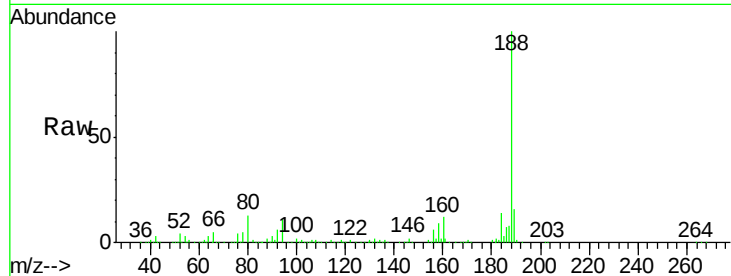
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

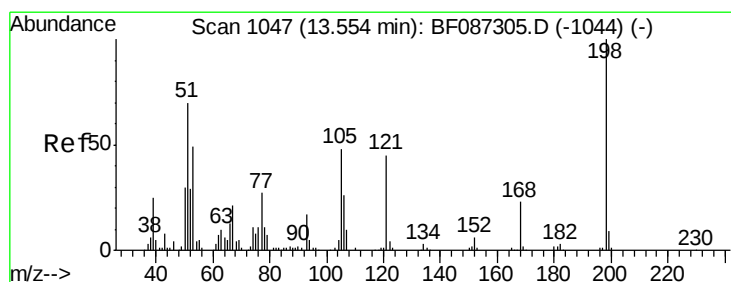
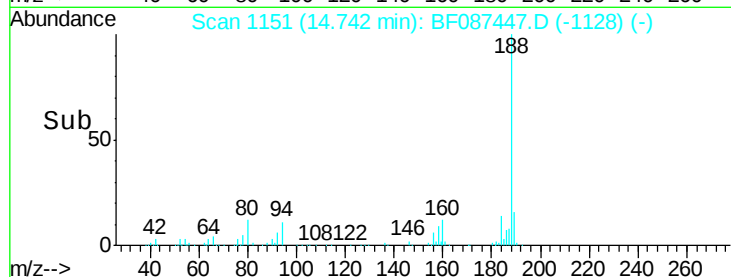
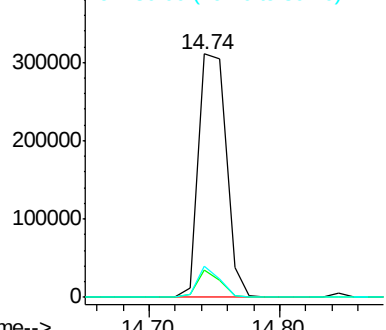
Tot Ion	Ratio	Resp	Lower	Upper
188	100	460216		
94	11.1	6.8	10.2#	
80	12.6	7.1	10.7#	

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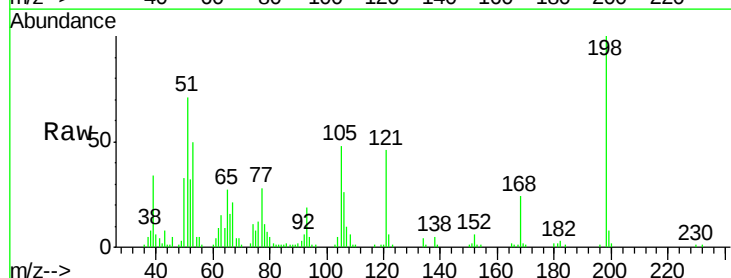


Abundance Ion 188.00 (187.70 to 188.70): E

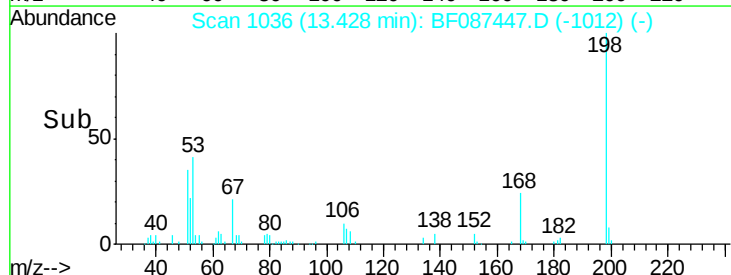
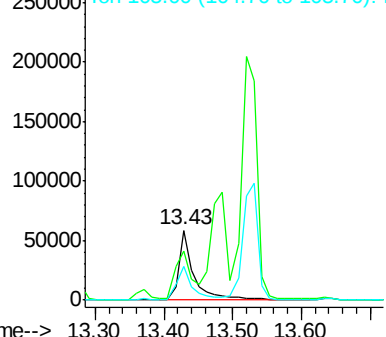


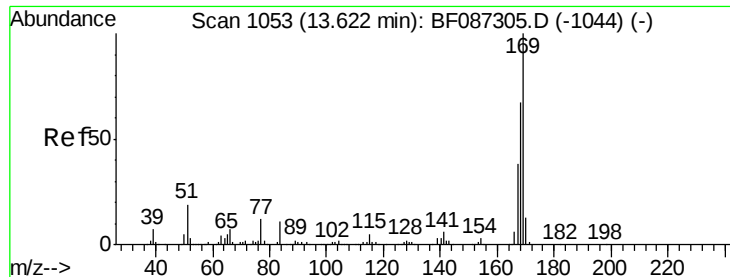
#64
4,6-Dinitro-2-methylphenol
Concen: 31.60 ng
RT: 13.43 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	92479		
51	70.7	20.5	60.5#	
105	48.0	24.5	64.5	



Abundance Ion 198.00 (197.70 to 198.70): E





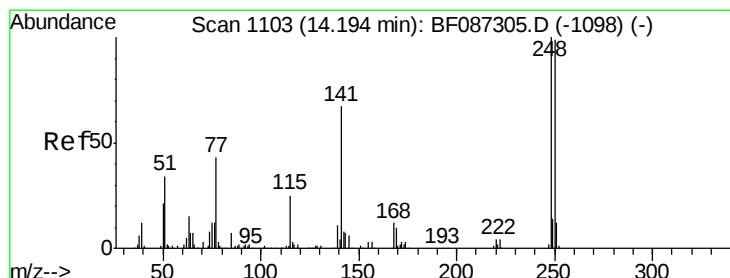
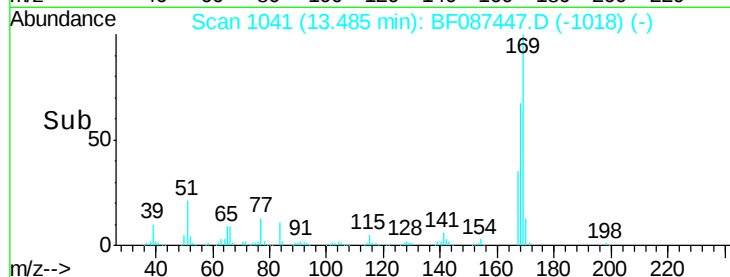
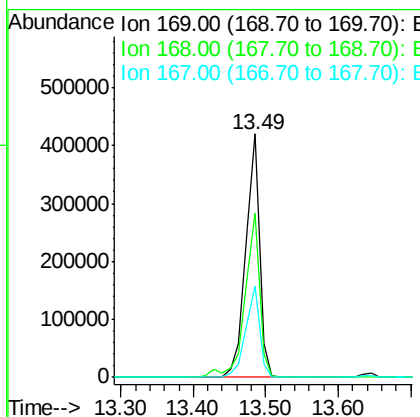
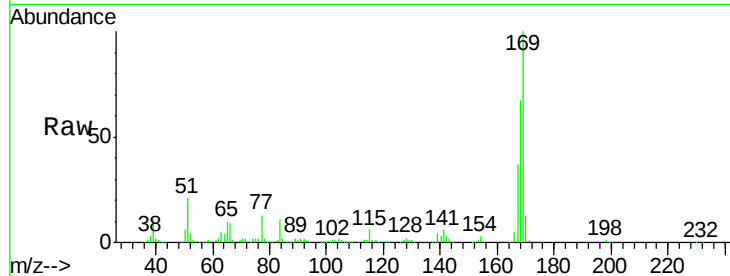
#65
 n-Nitrosodiphenylamine
 Concen: 37.72 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampled :
 PB90866BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		561391		
168	67.4	53.8		80.6	
167	37.3	29.5		44.3	

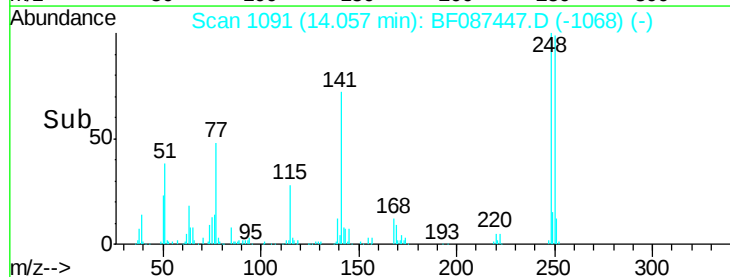
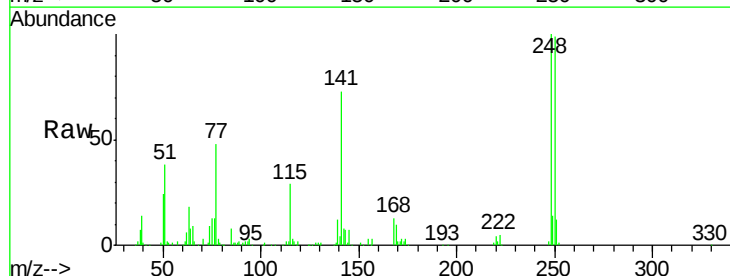
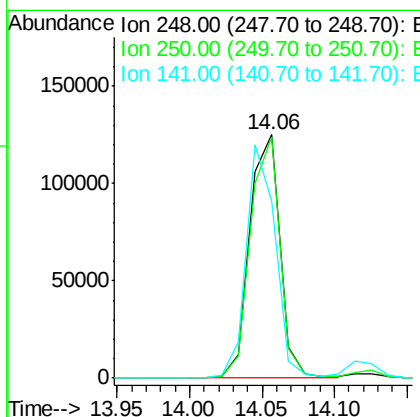
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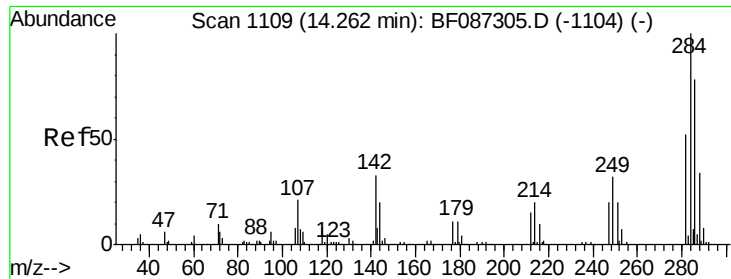
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#66
 4-Bromophenyl-phenylether
 Concen: 36.07 ng
 RT: 14.06 min Scan# 1091
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		181617		
250	99.2	78.6		117.8	
141	72.9	76.0		114.0	





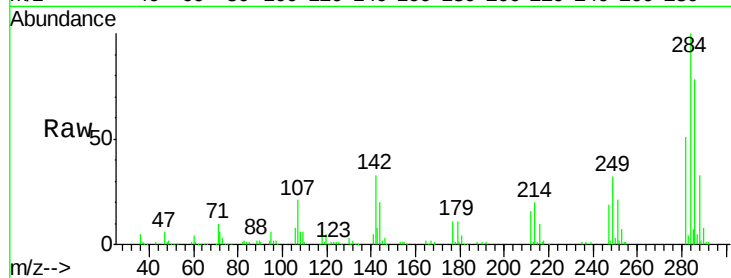
#67
Hexachlorobenzene
Concen: 36.42 ng
RT: 14.13 min Scan# 1097
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

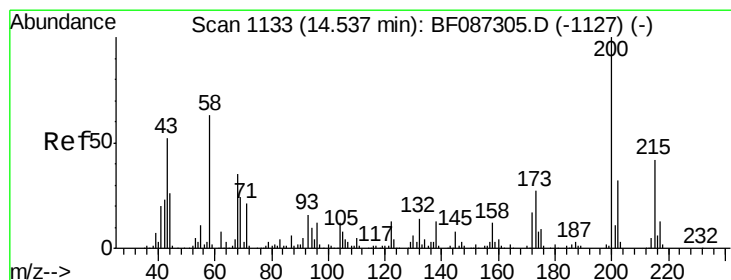
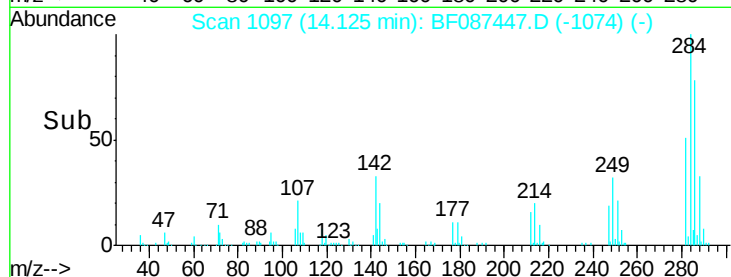
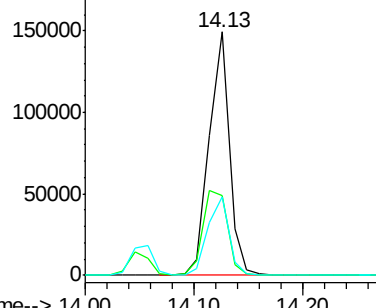
Tot Ion	Ratio	Resp	Lower	Upper
284	100	191758		
142	32.6	16.7	25.1#	
249	32.1	21.3	31.9#	

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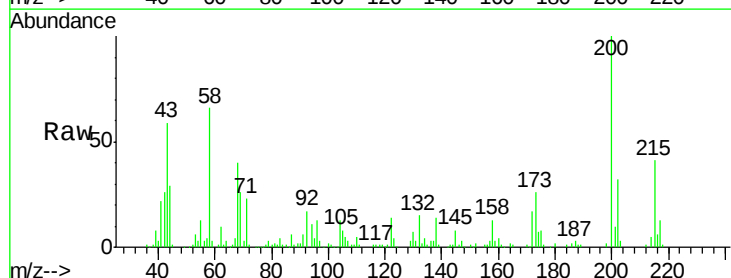


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

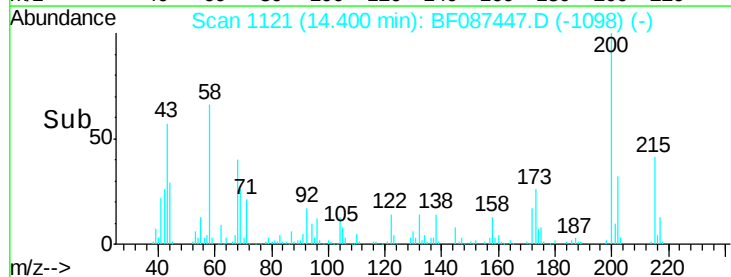
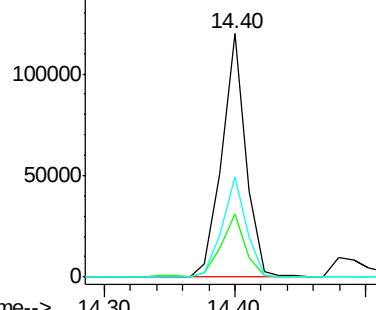


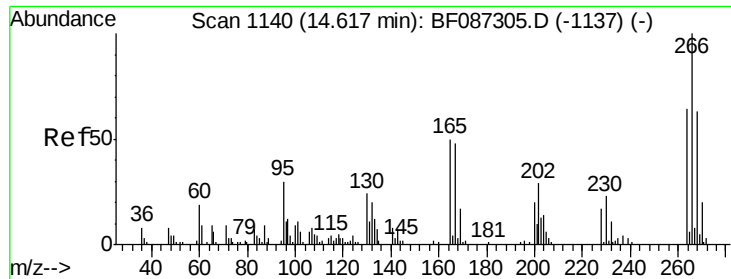
#68
Atrazine
Concen: 32.40 ng
RT: 14.40 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	153732		
173	25.8	8.5	48.5	
215	41.3	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





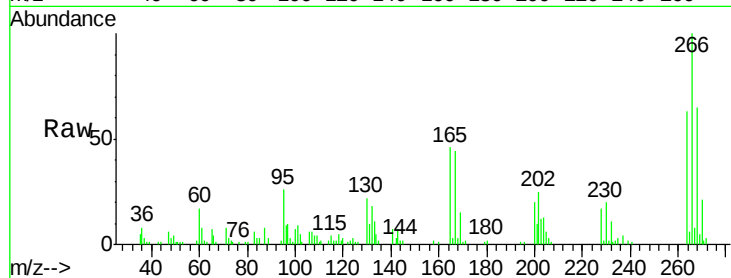
#69
 Pentachlorophenol
 Concen: 66.45 ng
 RT: 14.49 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

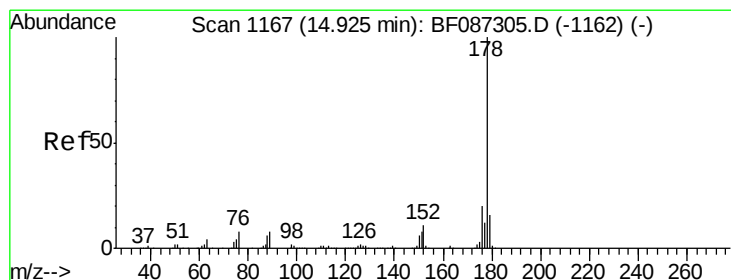
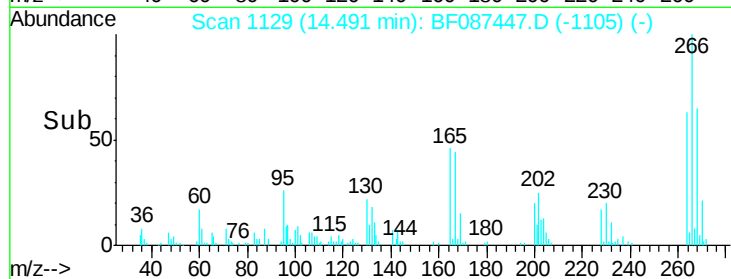
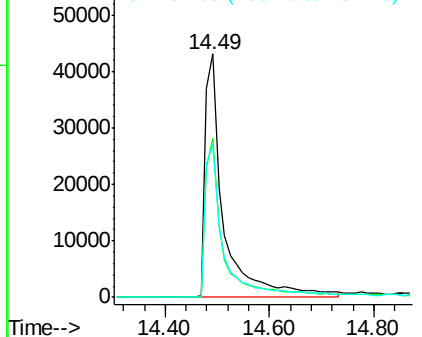
Tot Ion:	266	Resp:	106896
Ion Ratio		Lower	Upper
266	100		
268	65.3	51.5	77.3
264	62.5	52.9	79.3

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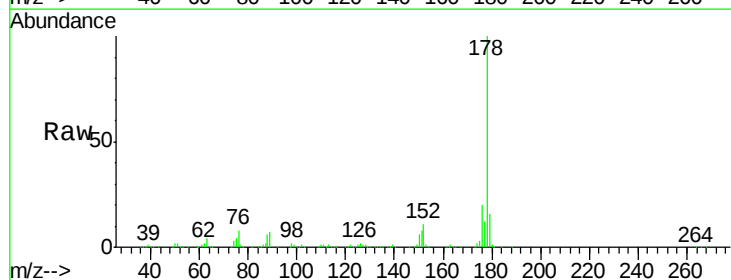


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

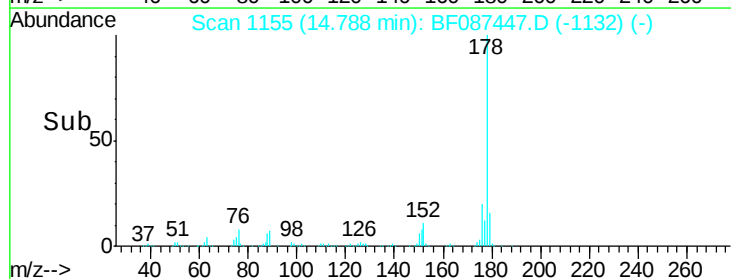
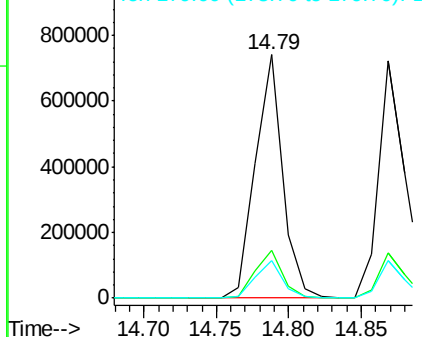


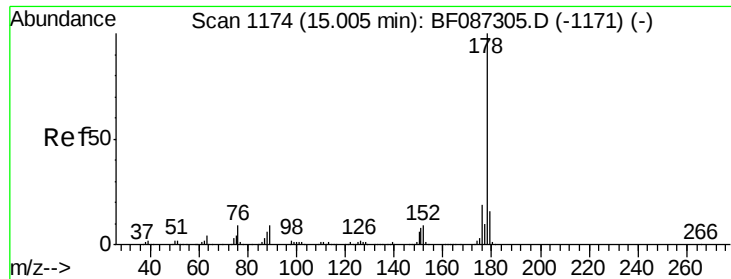
#70
 Phenanthrene
 Concen: 38.11 ng
 RT: 14.79 min Scan# 1155
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion:	178	Resp:	971472
Ion Ratio		Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.6	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





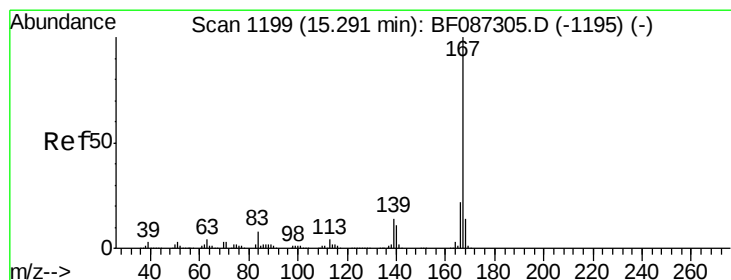
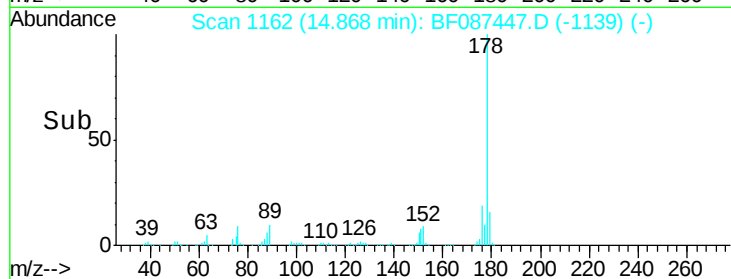
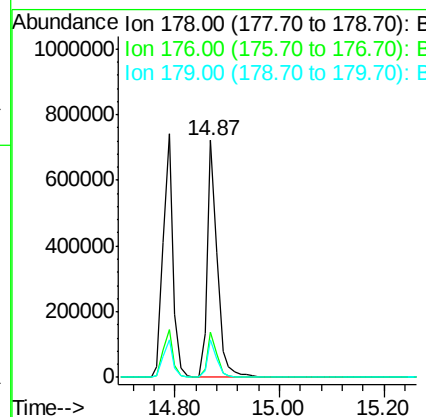
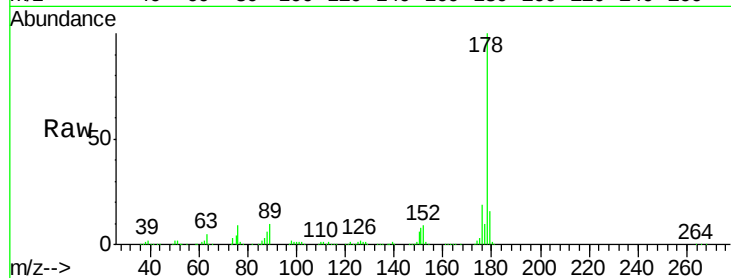
#71
 Anthracene
 Concen: 37.27 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.8	12.7	19.1

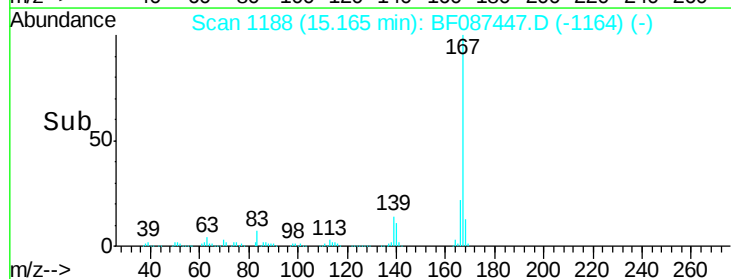
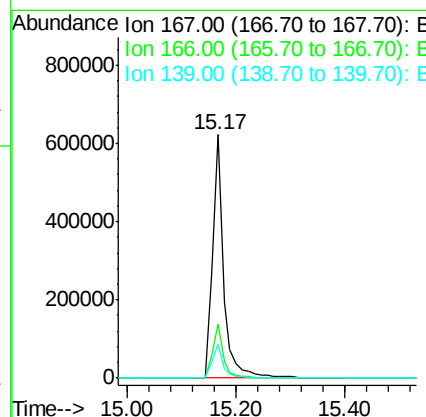
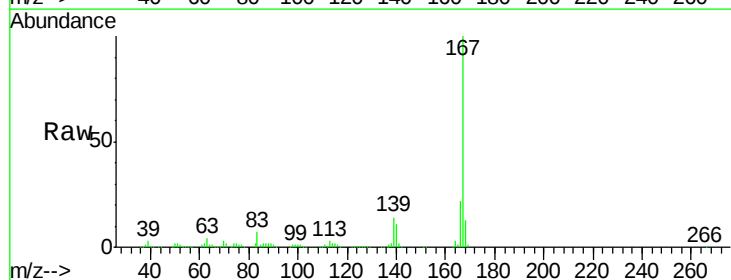
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#72
 Carbazole
 Concen: 40.07 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 36.95 ng

RT: 15.74 min Scan# 1238

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

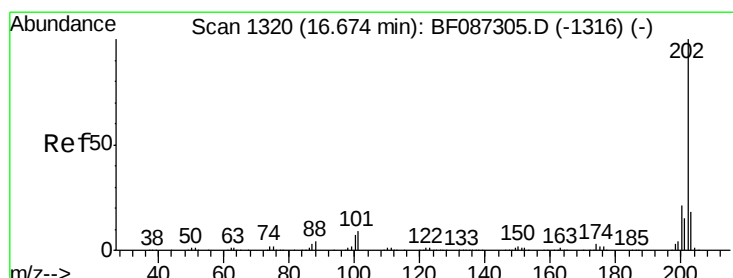
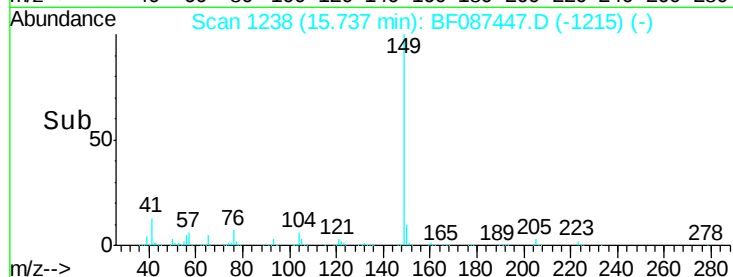
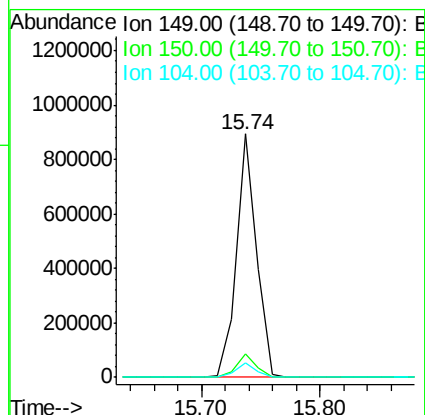
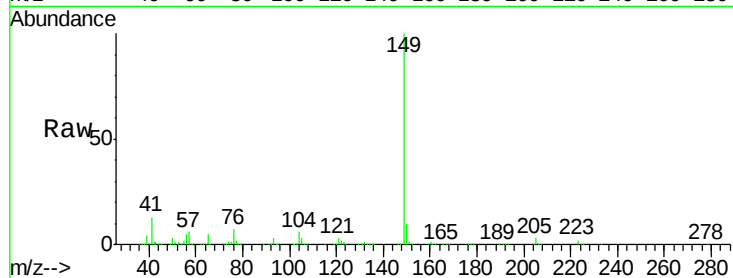
ClientSampleId :

PB90866BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.1	3.8	5.6

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#74

Fluoranthene

Concen: 38.12 ng

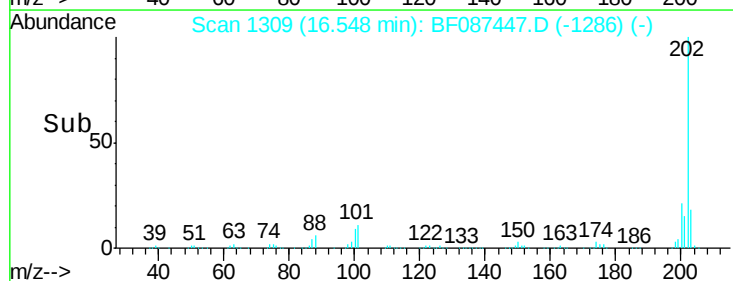
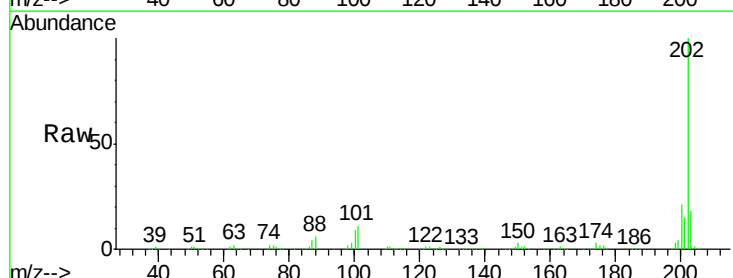
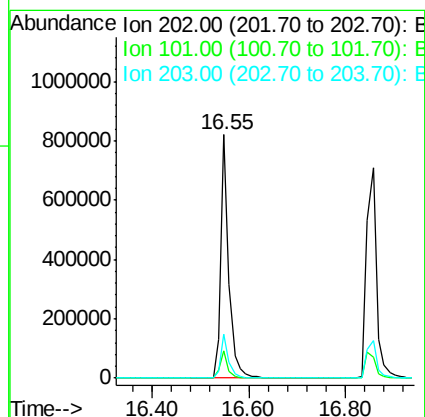
RT: 16.55 min Scan# 1309

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	35.4
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

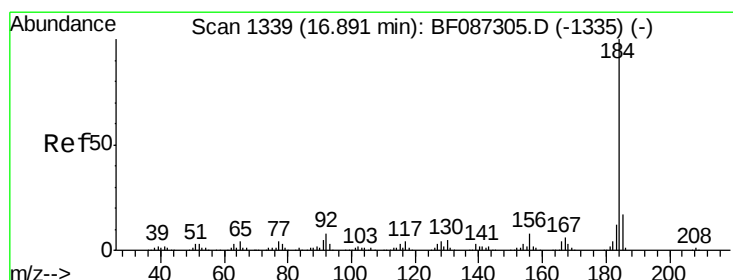
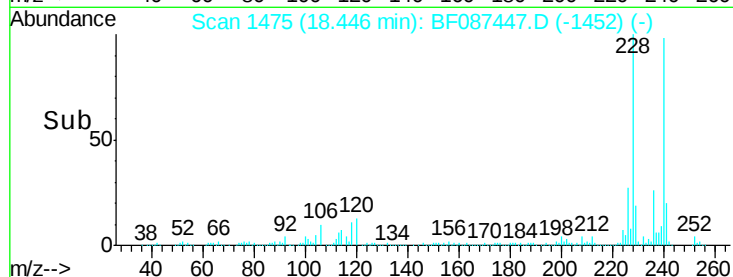
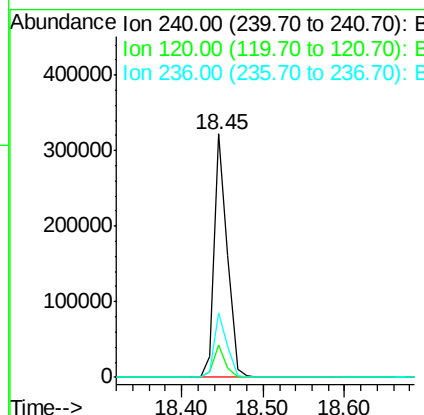
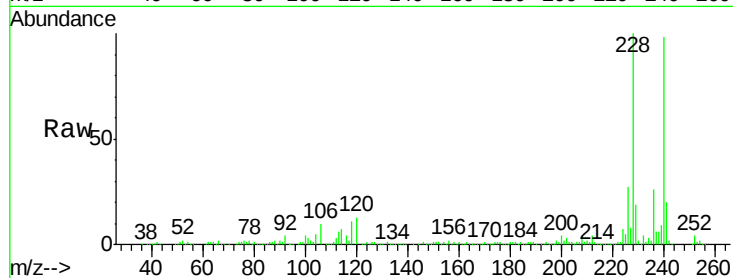
ClientSampleId :

PB90866BS

Tot Ion:	240	Resp:	363931
Ion Ratio	Lower	Upper	
240	100		
120	13.1	11.2	16.8
236	26.4	21.2	31.8

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#76

Benzidine

Concen: 8.94 ng

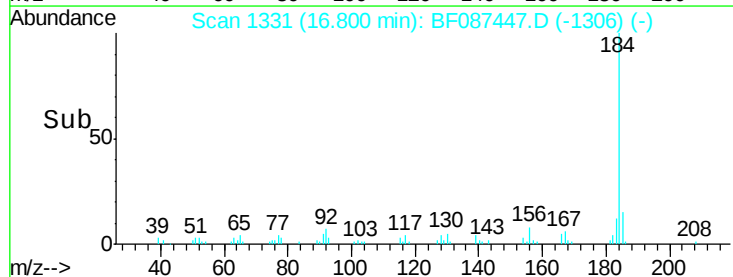
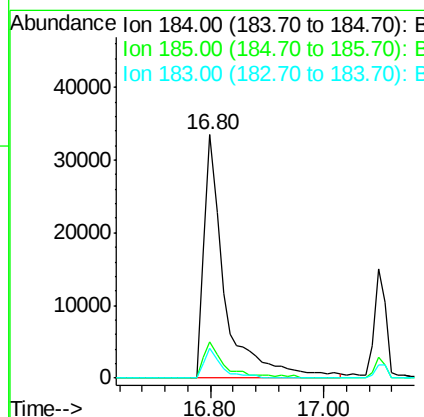
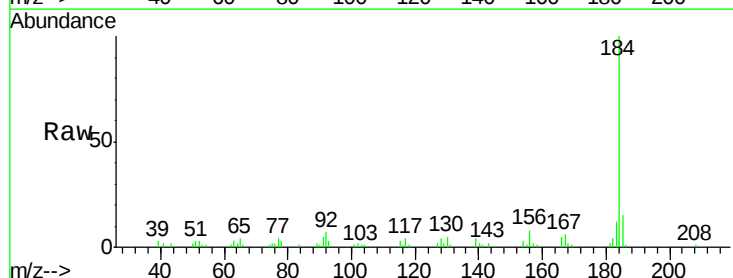
RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion:	184	Resp:	83685
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.6	20.4
183	12.2	9.8	14.6





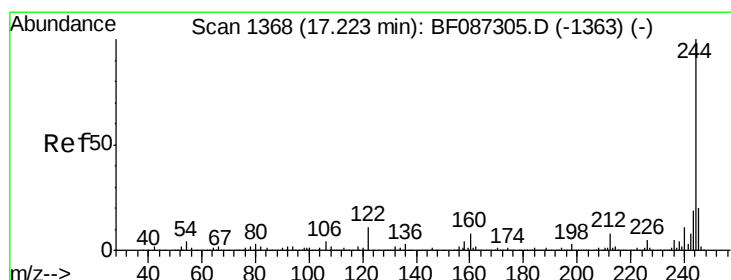
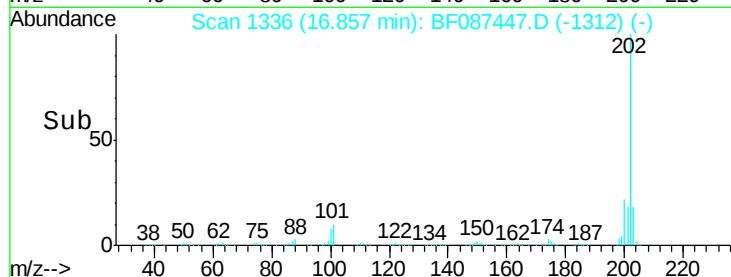
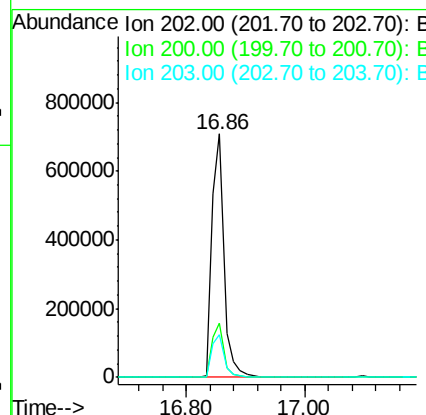
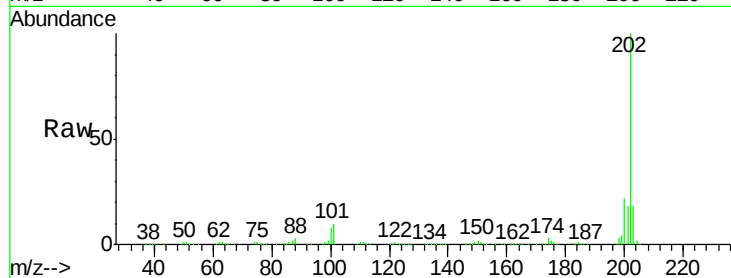
#77
Pvrene
Concen: 38.40 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.7	14.2	21.4

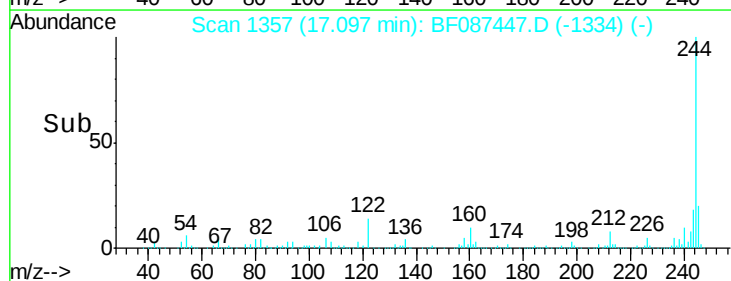
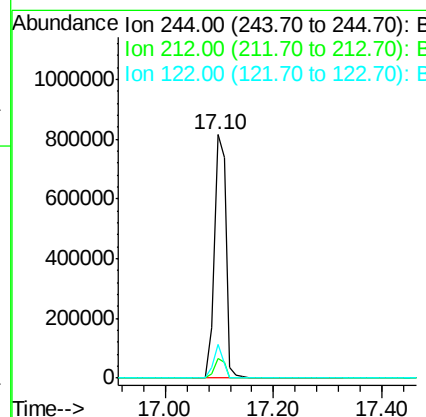
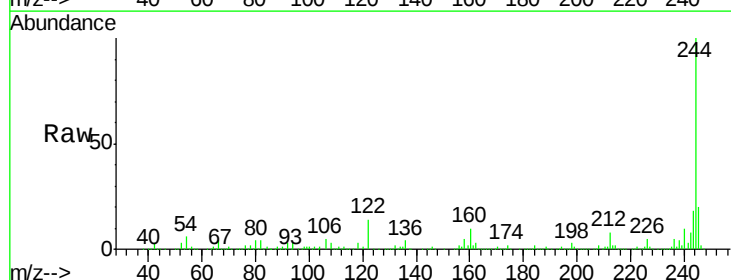
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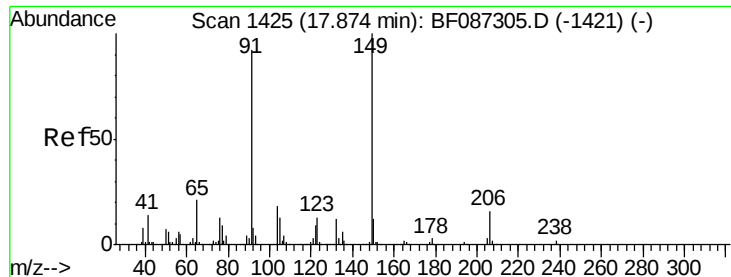
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#78
Terphenyl-d14
Concen: 71.42 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.03 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	14.0	12.0	18.0





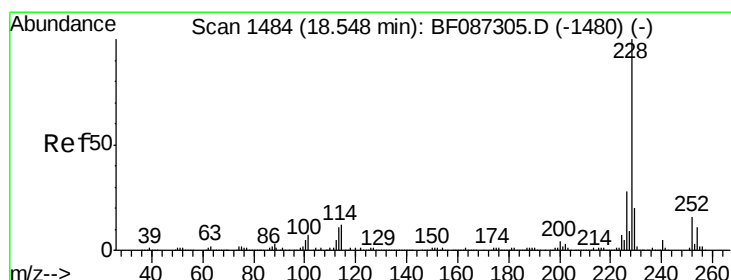
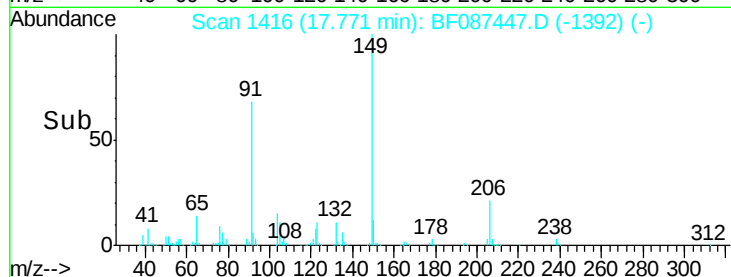
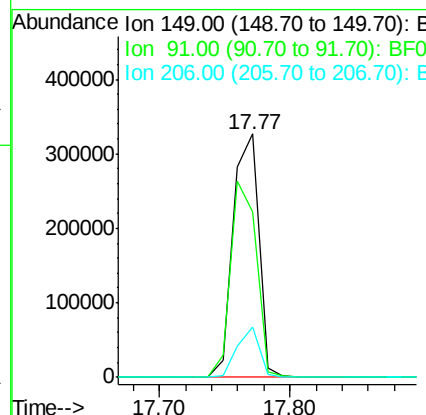
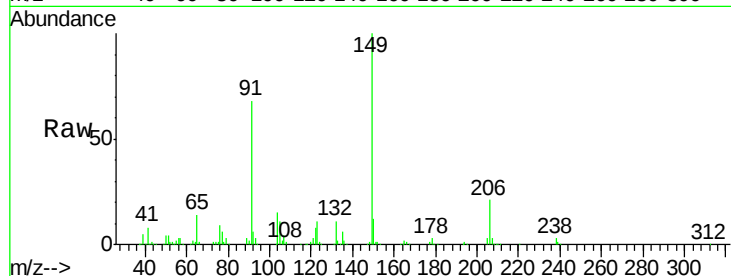
#79
Butylbenzylphthalate
Concen: 38.29 ng
RT: 17.77 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	444856		
91	67.9	48.0	72.0	
206	20.8	15.8	23.6	

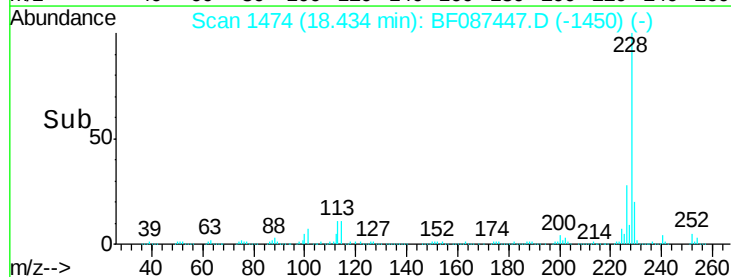
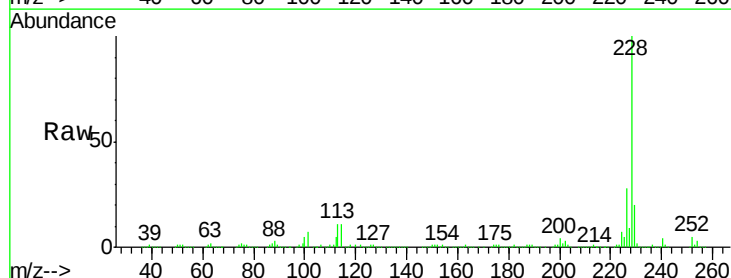
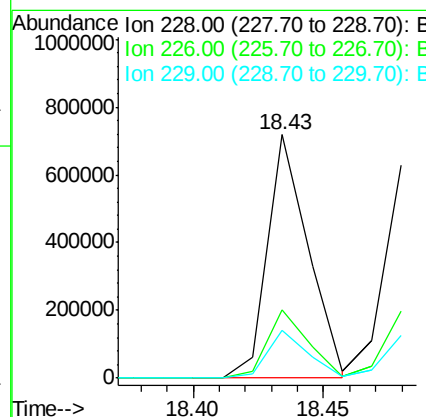
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#80
Benzo(a)anthracene
Concen: 37.50 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	776315		
226	28.1	22.5	33.7	
229	19.7	16.6	25.0	





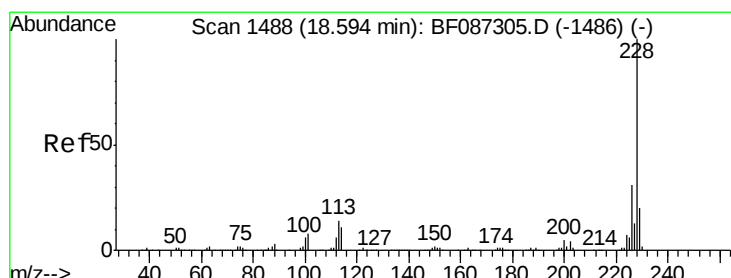
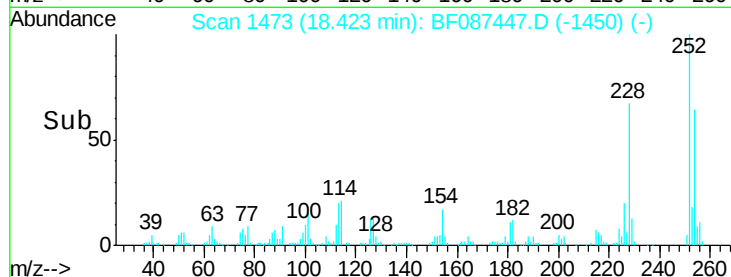
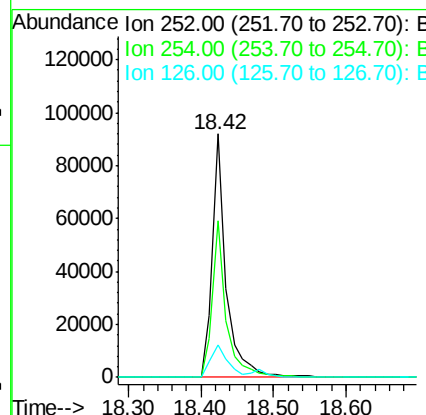
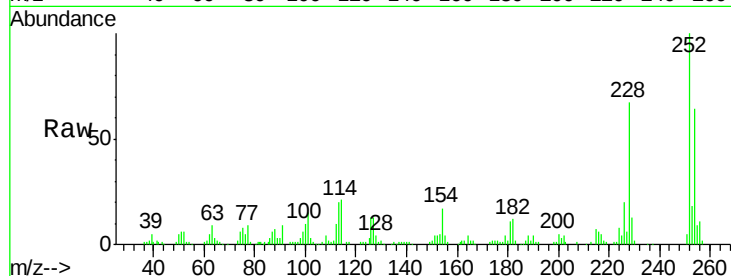
#81
 3,3'-Dichlorobenzidine
 Concen: 10.77 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	123220		
254	64.2	50.7	76.1	
126	13.1	12.7	19.1	

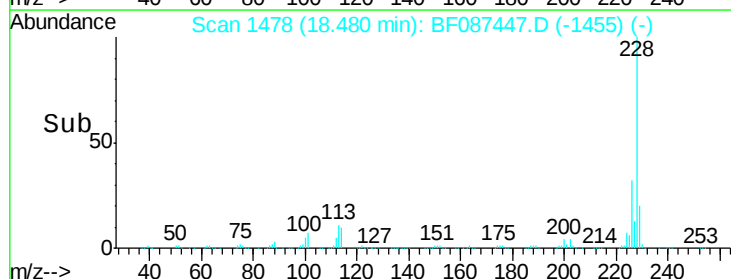
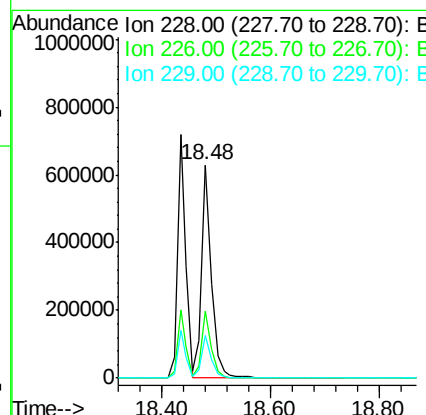
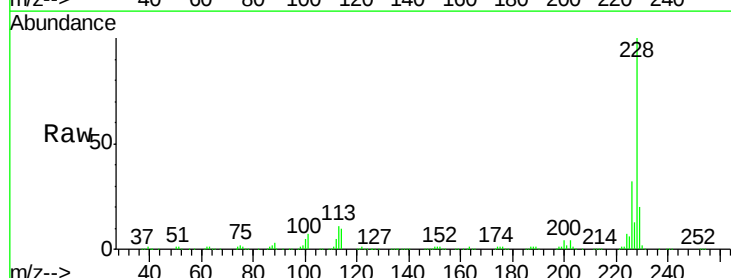
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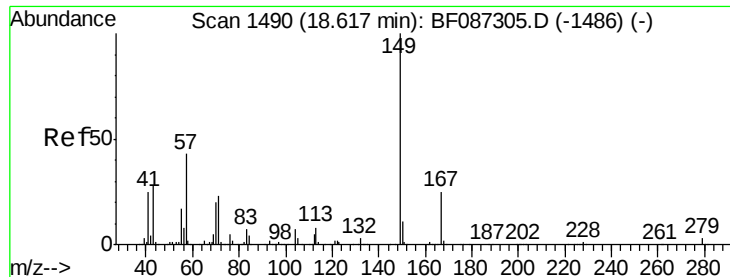
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#82
 Chrysene
 Concen: 37.86 ng
 RT: 18.48 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	777831		
226	31.5	24.4	36.6	
229	20.1	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.49 ng

RT: 18.51 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

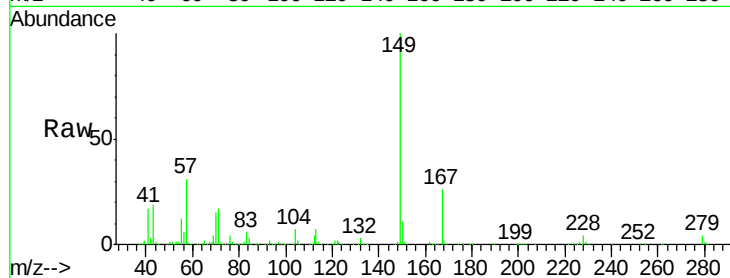
ClientSampleId :

PB90866BS

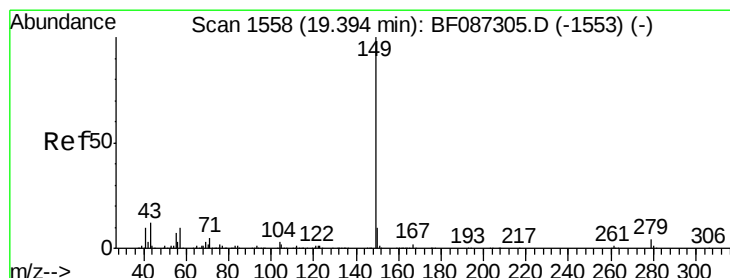
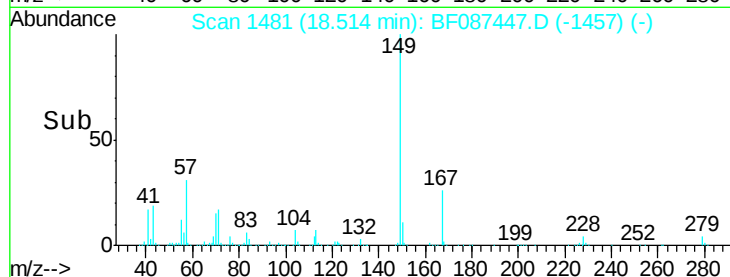
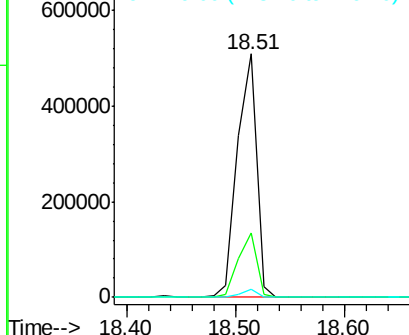
Tot Ion:	149	Resp:	618541
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.8	32.6
279	3.5	2.6	4.0

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



#84

Di-n-octyl phthalate

Concen: 35.72 ng

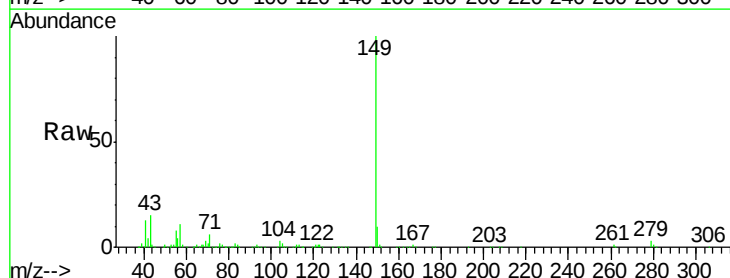
RT: 19.28 min Scan# 1548

Delta R.T. -0.03 min

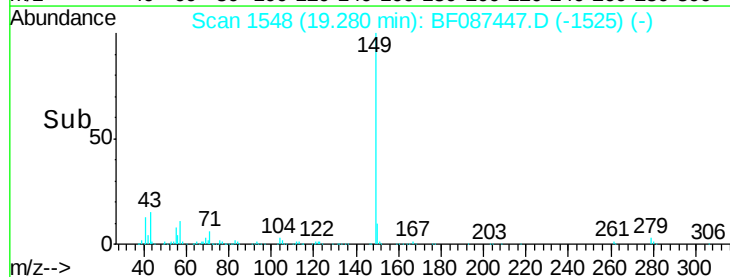
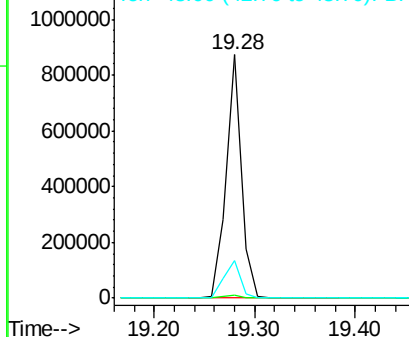
Lab File: BF087447.D

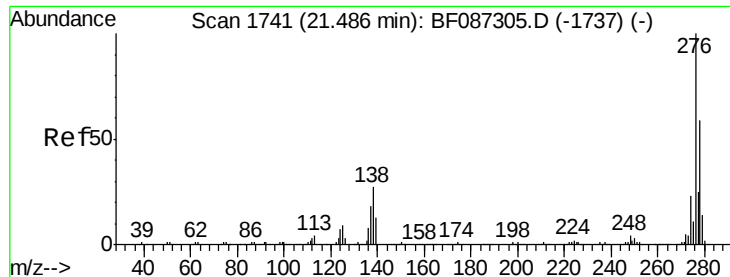
Acq: 27 May 2016 17:21

Tgt Ion:	149	Resp:	923308
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	16.5	8.2	12.4#



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





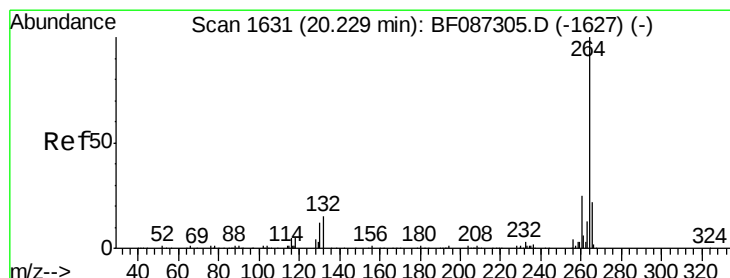
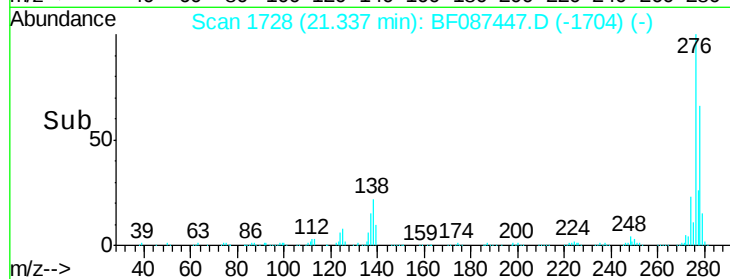
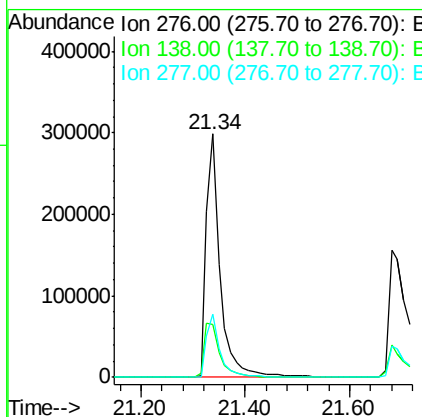
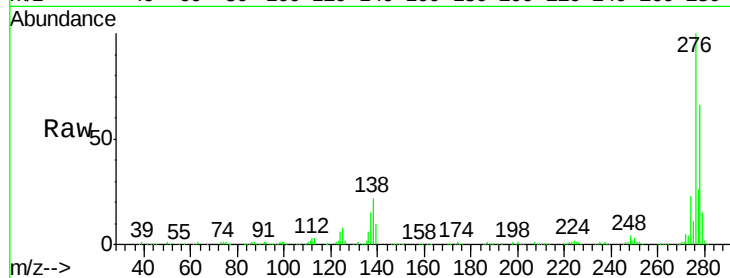
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.68 ng
 RT: 21.34 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion:	276	Resp:	554681
Ion Ratio	Lower	Upper	
276	100		
138	25.9	25.6	38.4
277	25.7	20.5	30.7

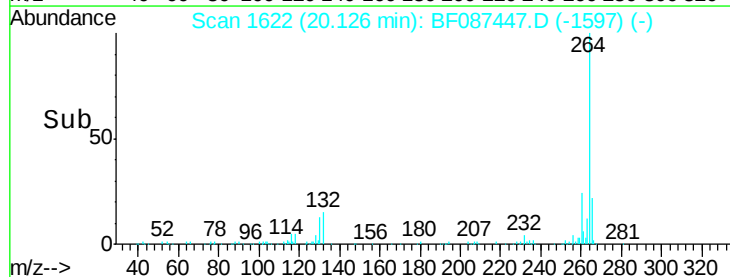
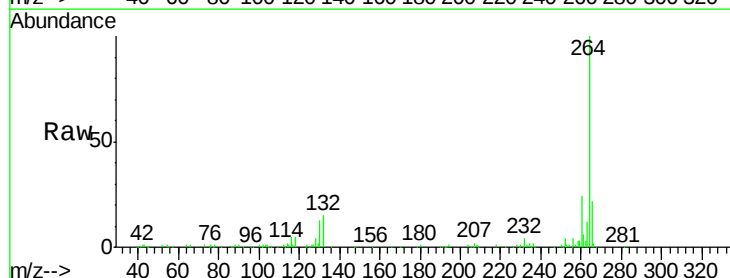
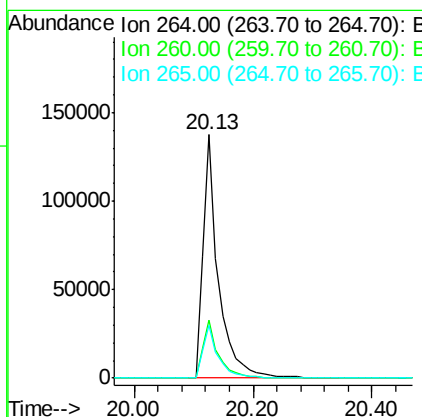
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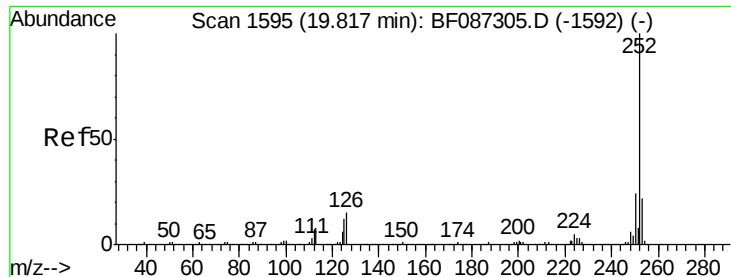
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Tgt Ion:	264	Resp:	250569
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.02 ng

RT: 19.71 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Instrument :

BNA_F

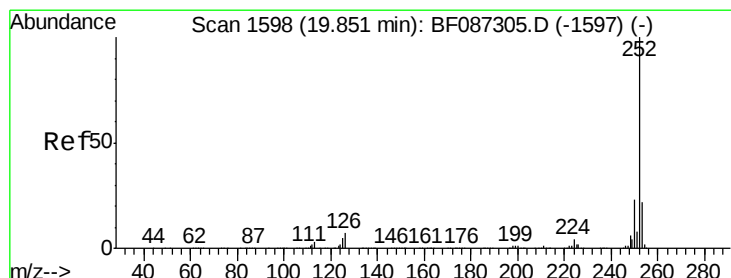
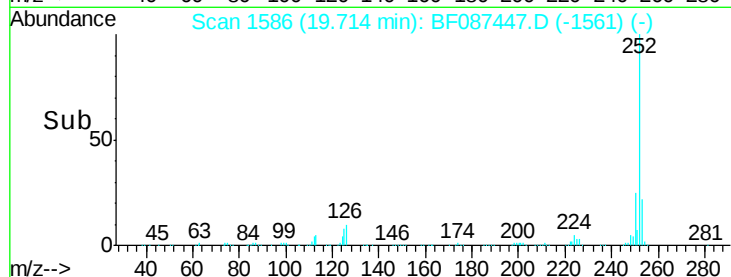
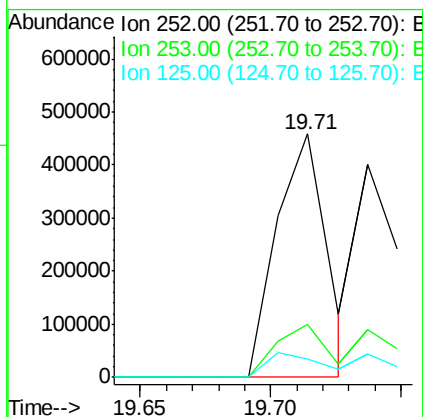
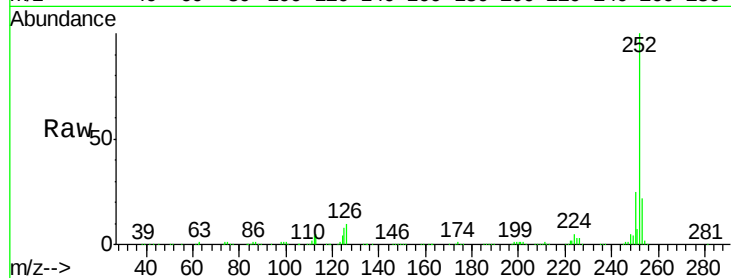
ClientSampleId :

PB90866BS

Tot Ion:	252	Resp:	606764
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	7.7	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 43.44 ng m

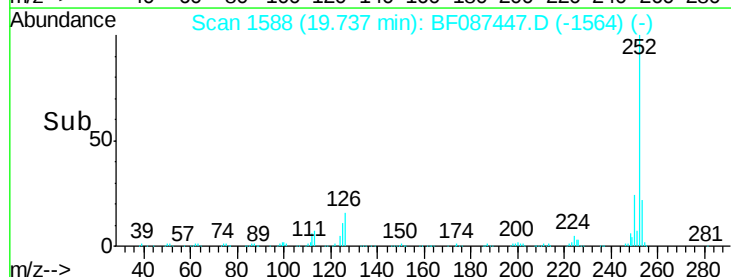
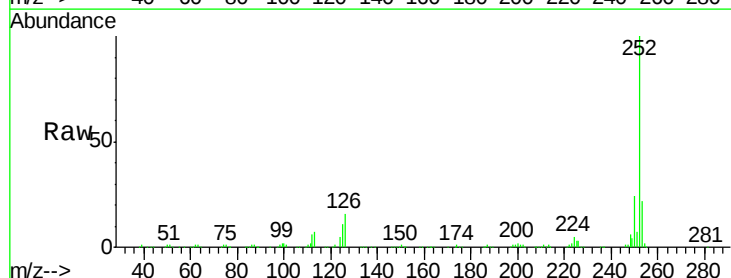
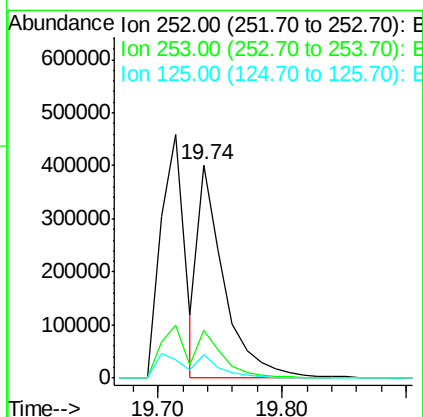
RT: 19.74 min Scan# 1588

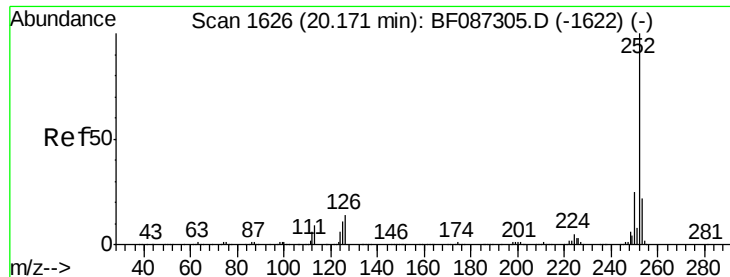
Delta R.T. -0.02 min

Lab File: BF087447.D

Acq: 27 May 2016 17:21

Tgt Ion:	252	Resp:	596828
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	10.9	9.1	13.7





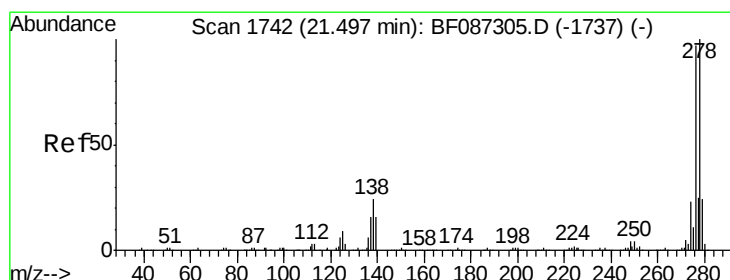
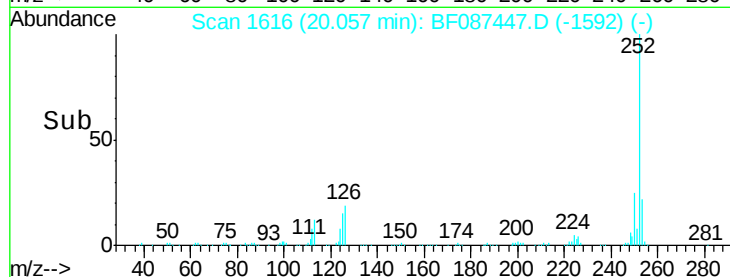
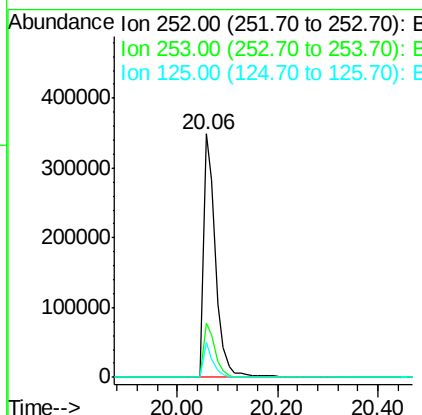
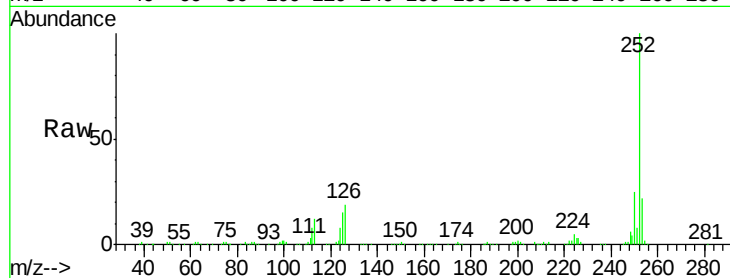
#89
Benzo(a)pyrene
Concen: 40.84 ng
RT: 20.06 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	17.2	25.8	
125	14.6	9.0	13.6	

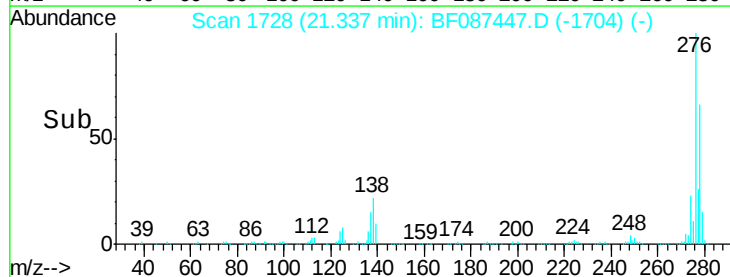
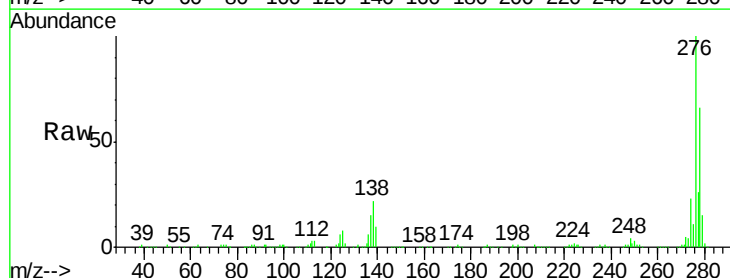
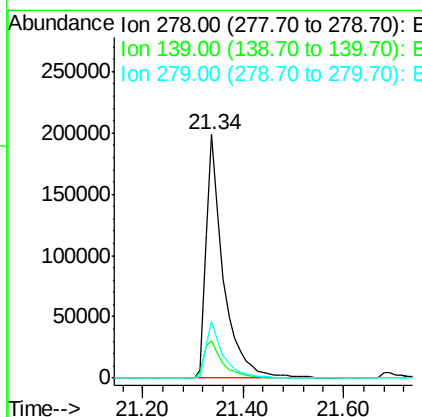
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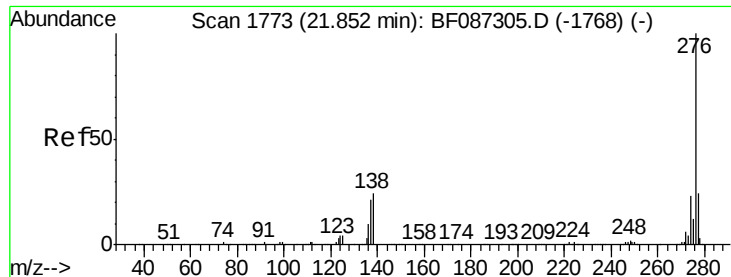
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#90
Dibenzo(a,h)anthracene
Concen: 40.37 ng
RT: 21.34 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BF087447.D
Acq: 27 May 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	15.6	16.6	24.8	
279	23.3	19.6	29.4	





#91
 Benzo(a,h,i)perylene
 Concen: 39.34 ng
 RT: 21.68 min Scan# 1758
 Delta R.T. -0.03 min
 Lab File: BF087447.D
 Acq: 27 May 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion:	276	Resp:	457017
Ion Ratio		Lower	Upper
276	100		
277	24.0	19.6	29.4
138	25.6	23.6	35.4

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