

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087433.D
 Acq On : 27 May 2016 6:14
 Operator : UM/SJ
 Sample : PB90847BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Manual Integrations
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 5/27/2016 7:38:16 PM

Quant Time: May 27 08:00:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	106202	20.00	ng	-0.01
21) Naphthalene-d8	9.54	136	440548	20.00	ng	-0.01
38) Acenaphthene-d10	12.37	164	210919	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	402270	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	328372	20.00	ng	-0.01
86) Perylene-d12	20.14	264	249915	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	774821	128.20	ng	0.01
7) Phenol-d6	7.06	99	991723	121.43	ng	-0.01
23) Nitrobenzene-d5	8.42	82	681973	78.02	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	235427	116.15	ng	-0.01
44) 2-Fluorobiphenyl	11.31	172	1152093	77.01	ng	-0.02
78) Terphenyl-d14	17.12	244	1071133	69.35	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.92	88	99597	31.23	ng	# 58
3) Pyridine	2.50	79	239178	34.31	ng	# 66
4) n-Nitrosodimethylamine	2.47	42	217216	40.43	ng	# 44
6) Aniline	7.02	93	239342	22.65	ng	93
8) 2-Chlorophenol	7.19	128	307648	40.82	ng	90
9) Benzaldehyde	6.88	77	29358	6.51	ng	98
10) Phenol	7.08	94	383567	43.01	ng	86
11) bis(2-Chloroethyl)ether	7.15	93	295325	40.91	ng	88
12) 1,3-Dichlorobenzene	7.40	146	314174	38.22	ng	# 94
13) 1,4-Dichlorobenzene	7.53	146	328756m	38.95	ng	
14) 1,2-Dichlorobenzene	7.77	146	312443	40.02	ng	99
15) Benzyl Alcohol	7.82	79	240793	40.44	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.01	45	576944	35.52	ng	90
17) 2-Methylphenol	8.02	107	250643	41.49	ng	# 86
18) Hexachloroethane	8.28	117	124380	39.50	ng	# 89
19) n-Nitroso-di-n-propylamine	8.23	70	238013	39.08	ng	# 69
20) 3+4-Methylphenols	8.28	107	318937	43.68	ng	# 58
22) Acetophenone	8.19	105	427194	40.59	ng	# 97
24) Nitrobenzene	8.46	77	357883	38.79	ng	99
25) Isophorone	8.84	82	600672	38.31	ng	98
26) 2-Nitrophenol	8.96	139	152739	40.50	ng	# 64
27) 2,4-Dimethylphenol	9.11	122	267491	40.85	ng	87
28) bis(2-Chloroethoxy)methane	9.23	93	363359	41.15	ng	98
29) 2,4-Dichlorophenol	9.38	162	243632	41.29	ng	98
30) 1,2,4-Trichlorobenzene	9.46	180	263414	39.00	ng	96
31) Naphthalene	9.58	128	878476	39.79	ng	100
32) Benzoic acid	9.44	122	112194	35.06	ng	89
33) 4-Chloroaniline	9.75	127	100301	12.34	ng	# 92
34) Hexachlorobutadiene	9.78	225	153247	37.32	ng	98
35) Caprolactam	10.33	113	76368m	44.34	ng	
36) 4-Chloro-3-methylphenol	10.59	107	278315	41.72	ng	93
37) 2-Methylnaphthalene	10.70	142	567136m	41.12	ng	
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	244049	36.15	ng	98
40) Hexachlorocyclopentadiene	10.95	237	166975	62.45	ng	94

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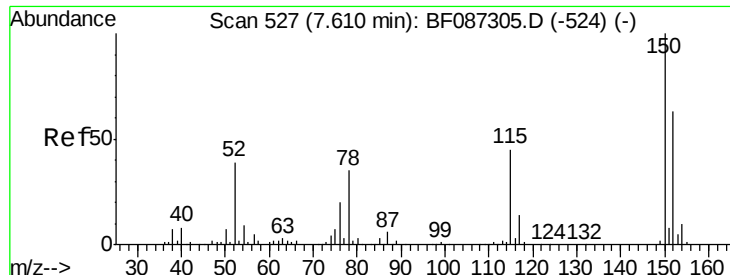
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	142753	36.63	nq	95
43) 2,4,5-Trichlorophenol	11.29	196	141577	35.67	nq #	85
45) 1,1'-Biphenyl	11.47	154	699169	39.37	nq	98
46) 2-Chloronaphthalene	11.48	162	522076	38.43	nq	95
47) 2-Nitroaniline	11.70	65	201599	41.19	nq #	74
48) Acenaphthylene	12.14	152	819484	38.10	nq	99
49) Dimethylphthalate	12.02	163	640354	37.90	nq	99
50) 2,6-Dinitrotoluene	12.11	165	134626	39.54	nq #	72
51) Acenaphthene	12.42	154	507411	38.38	nq	98
52) 3-Nitroaniline	12.39	138	72858	20.85	nq #	79
53) 2,4-Dinitrophenol	12.59	184	96545	57.42	nq #	83
54) Dibenzofuran	12.71	168	757714	42.33	nq	96
55) 4-Nitrophenol	12.79	139	111517	66.91	nq #	45
56) 2,4-Dinitrotoluene	12.78	165	189838	41.72	nq #	85
57) Fluorene	13.26	166	607515	39.14	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.95	232	124889	40.91	nq	97
59) Diethylphthalate	13.17	149	621253	37.82	nq	100
60) 4-Chlorophenyl-phenylether	13.29	204	279031	36.87	nq	92
61) 4-Nitroaniline	13.39	138	129179	39.61	nq #	67
62) Azobenzene	13.54	77	746868	43.83	nq	85
64) 4,6-Dinitro-2-methylphenol	13.45	198	91148	35.64	nq #	84
65) n-Nitrosodiphenylamine	13.51	169	520925	40.04	nq	99
66) 4-Bromophenyl-phenylether	14.08	248	167113	37.97	nq #	87
67) Hexachlorobenzene	14.15	284	175495	38.13	nq #	85
68) Atrazine	14.42	200	157825	38.06	nq	93
69) Pentachlorophenol	14.51	266	74751	54.40	nq	95
70) Phenanthrene	14.81	178	909772	40.83	nq	99
71) Anthracene	14.89	178	903787	40.15	nq	99
72) Carbazole	15.19	167	827204	43.09	nq	99
73) Di-n-butylphthalate	15.76	149	942532	37.96	nq #	98
74) Fluoranthene	16.57	202	944094	42.25	nq	93
76) Benzidine	16.81	184	205417	24.31	nq	96
77) Pyrene	16.87	202	924555	39.12	nq	99
79) Butylbenzylphthalate	17.78	149	386766	36.90	nq #	73
80) Benzo(a)anthracene	18.46	228	736911	39.45	nq	99
81) 3,3'-Dichlorobenzidine	18.45	252	121348	11.76	nq	97
82) Chrysene	18.50	228	739057	39.87	nq	99
83) Bis(2-ethylhexyl)phthalate	18.53	149	509088	33.28	nq	96
84) Di-n-octyl phthalate	19.29	149	799291	34.27	nq #	87
85) Indeno(1,2,3-cd)pyrene	21.36	276	560945	37.75	nq	94
87) Benzo(b)fluoranthene	19.73	252	663664	41.69	nq	97
88) Benzo(k)fluoranthene	19.76	252	523683m	38.22	nq	
89) Benzo(a)pyrene	20.08	252	549711	39.93	nq	99
90) Dibenzo(a,h)anthracene	21.36	278	474619	40.42	nq	97
91) Benzo(g,h,i)perylene	21.71	276	472780	40.80	nq #	92

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



#1

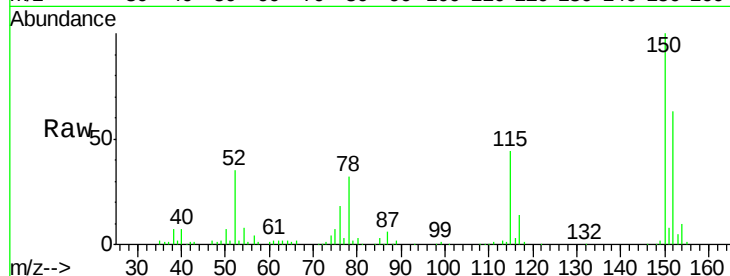
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
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ClientSampleId :
PB90847BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.8	188.6
115	69.9	51.5	77.3

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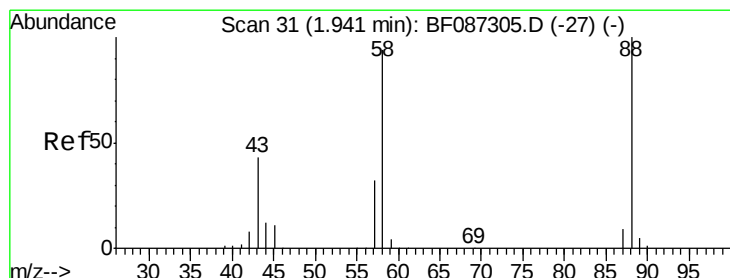
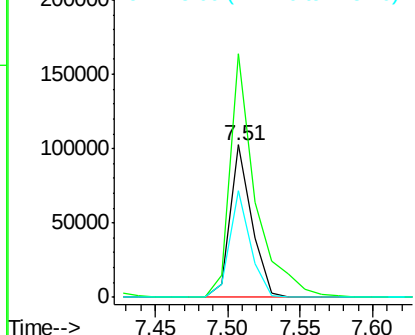
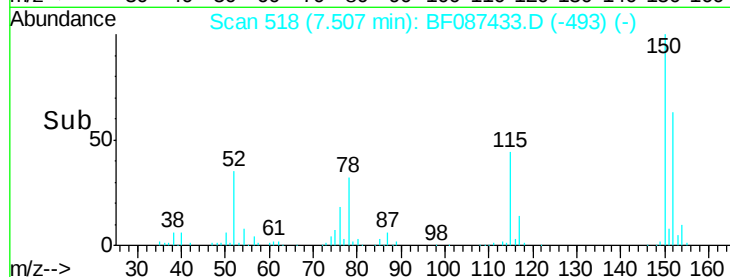


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

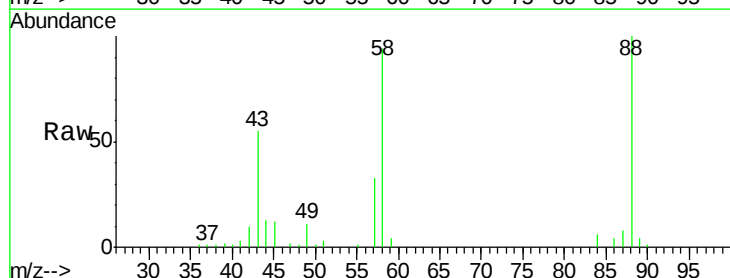
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.23 ng
RT: 1.92 min Scan# 29
Delta R.T. 0.10 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.8	59.6	89.4#
43	66.1	21.8	32.6#

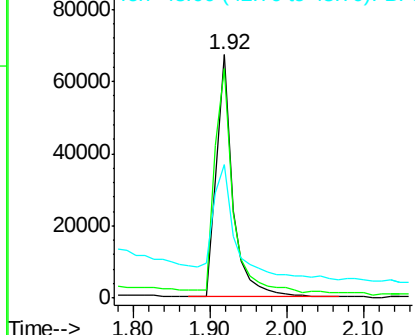
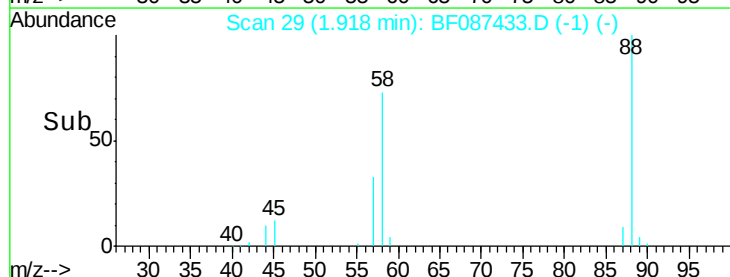


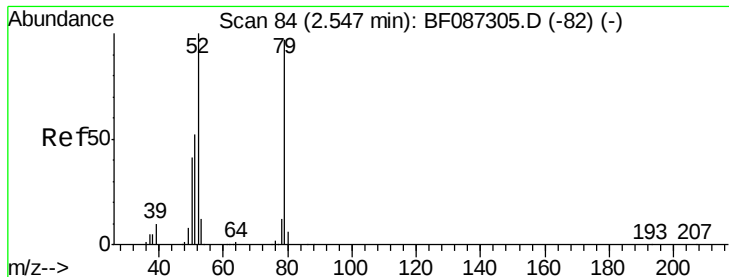
Abundance

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: 34.31 ng

RT: 2.50 min Scan# 80

Delta R.T. 0.09 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Instrument :

BNA_F

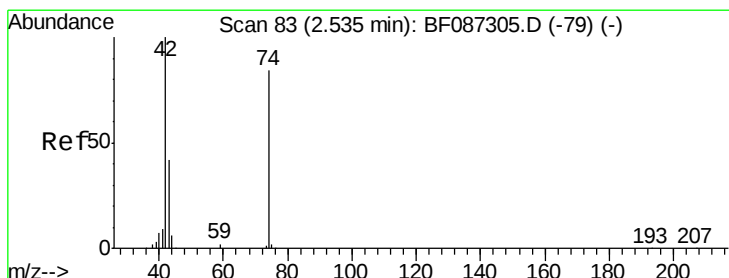
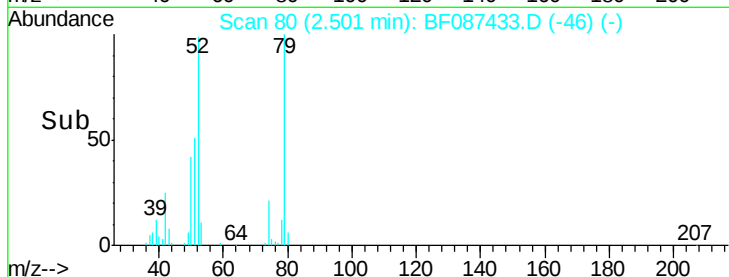
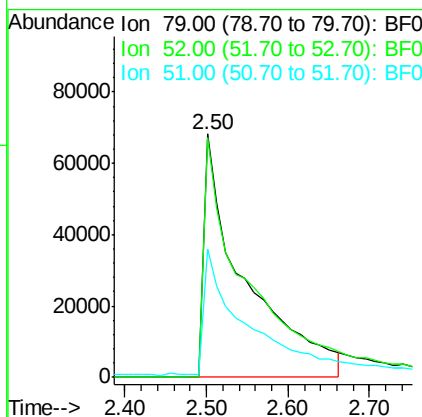
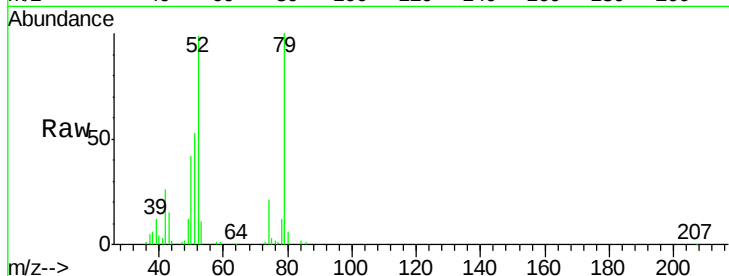
ClientSampleId :

PB90847BS

Tot Ion:	79	Resp:	239178
Ion Ratio	Lower	Upper	
79	100		
52	98.7	55.9	83.9#
51	52.7	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 40.43 ng

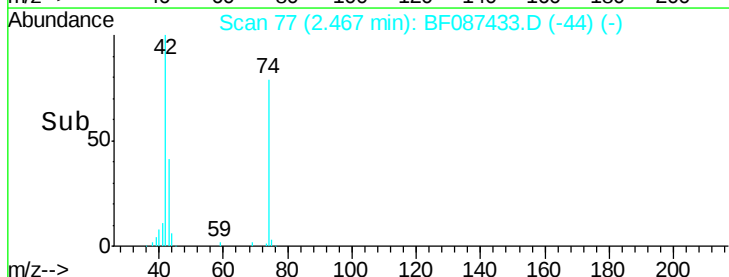
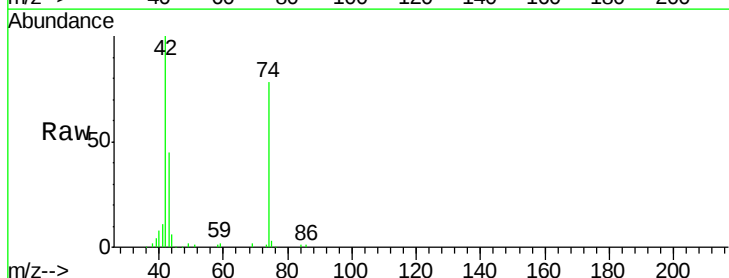
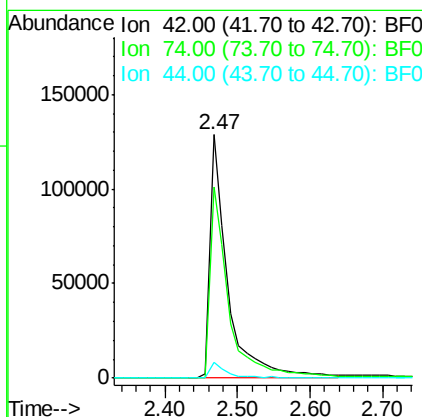
RT: 2.47 min Scan# 77

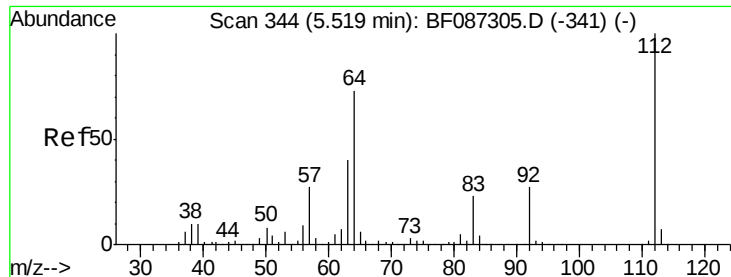
Delta R.T. 0.08 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Tgt Ion:	42	Resp:	217216
Ion Ratio	Lower	Upper	
42	100		
74	78.4	123.4	185.0#
44	6.3	5.8	8.6





#5

2-Fluorophenol

Concen: 128.20 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Instrument :

BNA_F

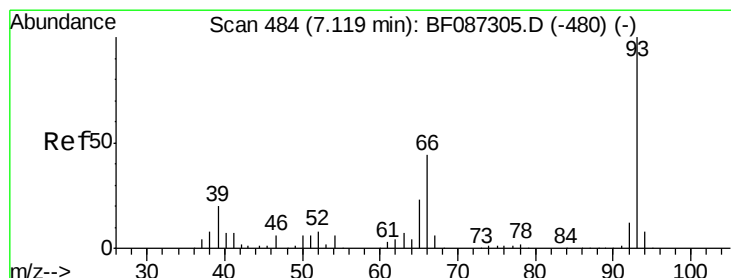
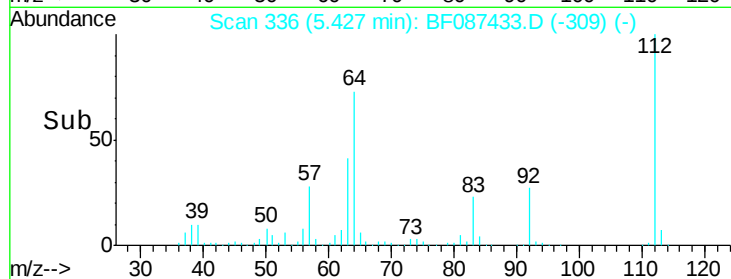
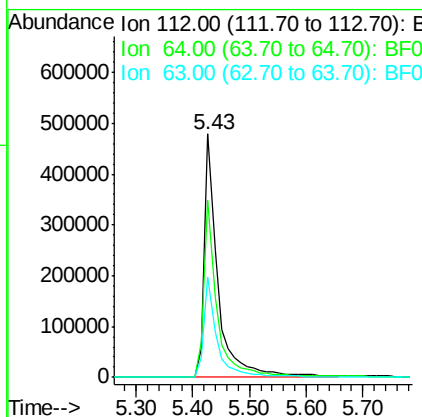
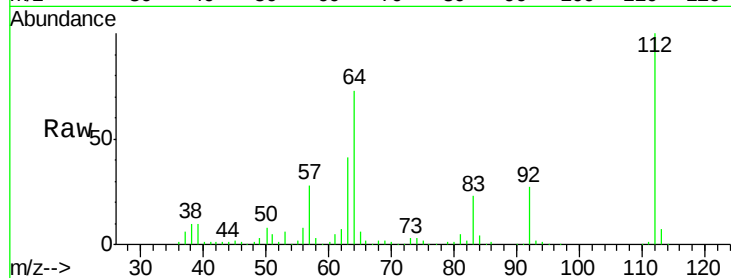
ClientSampleId :

PB90847BS

Tot Ion:	112	Resp:	774821
Ion Ratio	Lower	Upper	
112	100		
64	72.9	52.1	78.1
63	41.3	25.7	38.5#

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#6

Aniline

Concen: 22.65 ng

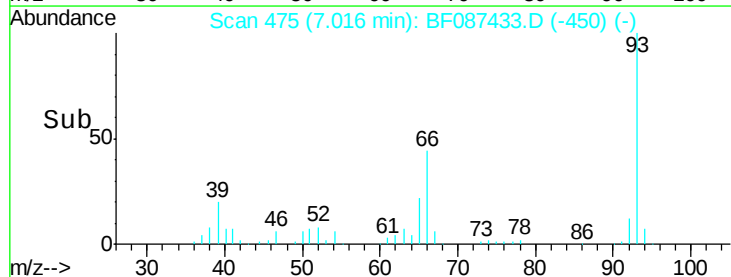
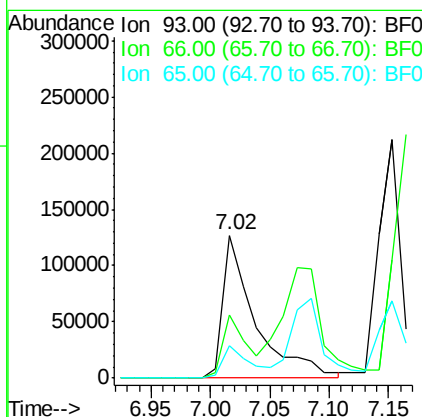
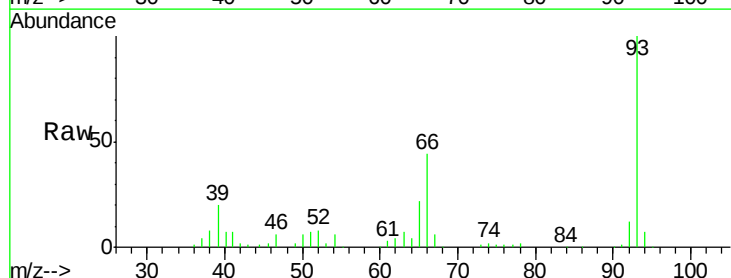
RT: 7.02 min Scan# 475

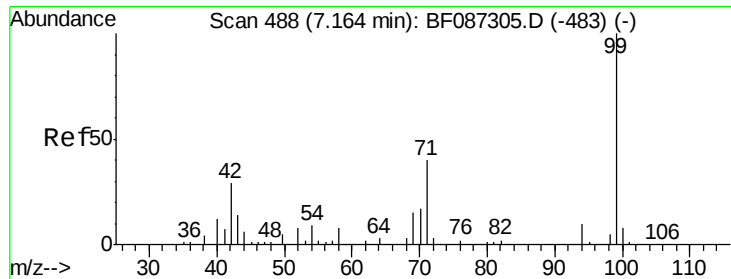
Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Tgt Ion:	93	Resp:	239342
Ion Ratio	Lower	Upper	
93	100		
66	44.1	39.0	58.6
65	22.2	20.6	31.0





#7

Phenol-d6

Concen: 121.43 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Instrument :

BNA_F

ClientSampleId :

PB90847BS

Tot Ion: 99 Resp: 991723

Ion Ratio Lower Upper

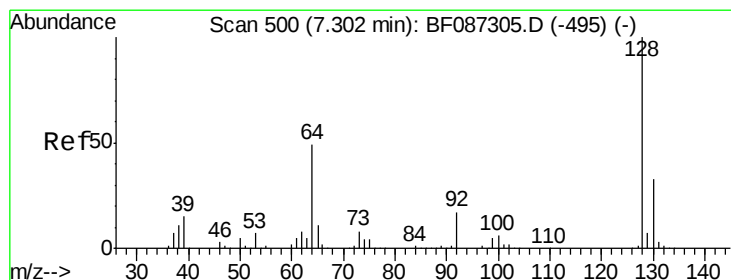
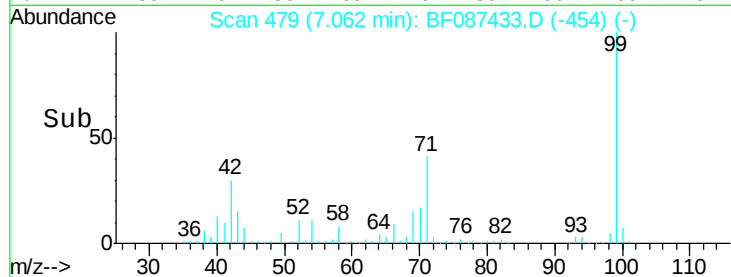
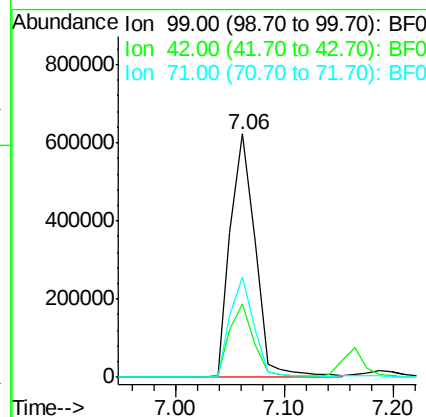
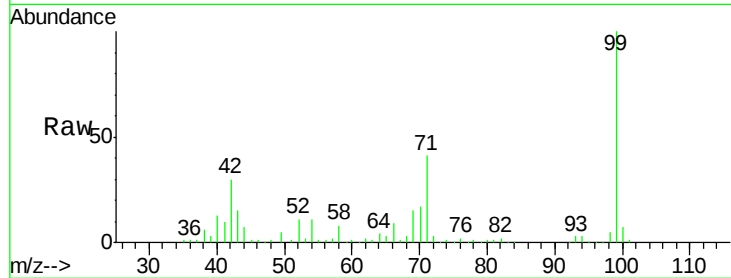
99 100

42 30.3 13.6 20.4#

71 41.3 24.6 36.8#

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#8

2-Chlorophenol

Concen: 40.82 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

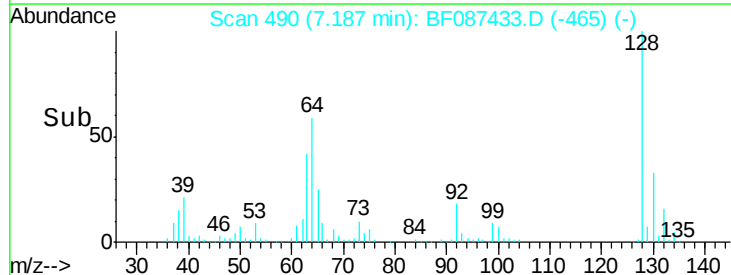
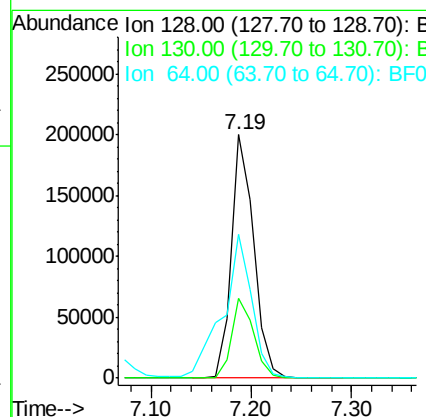
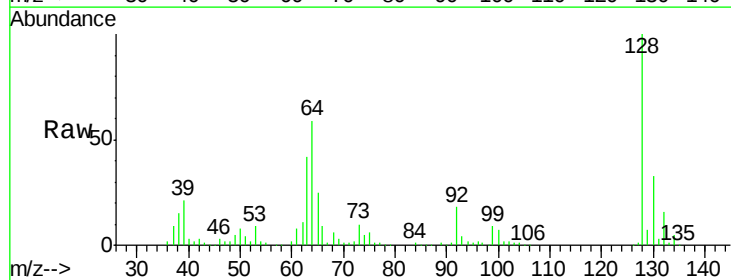
Tgt Ion: 128 Resp: 307648

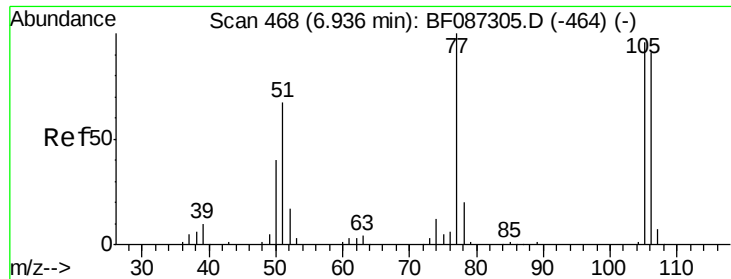
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 59.1 27.3 67.3





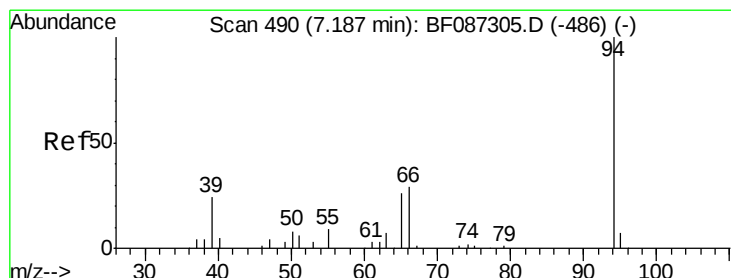
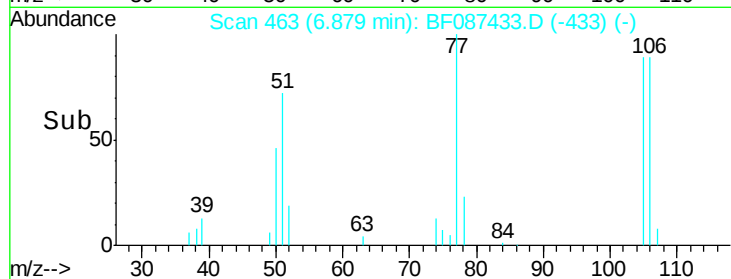
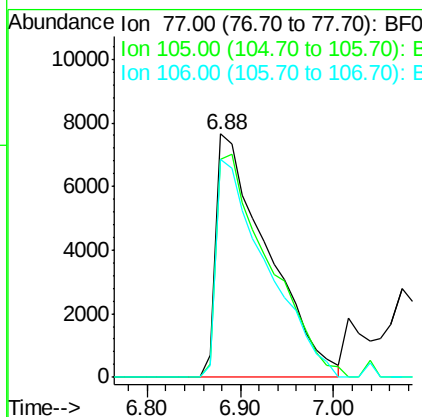
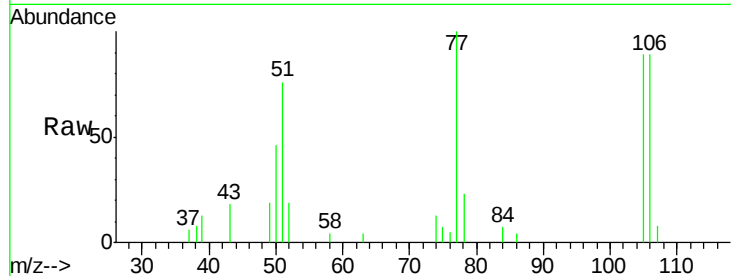
#9
Benzaldehyde
Concen: 6.51 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.05 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleID :
PB90847BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.5	72.7	112.7
106	89.3	70.8	110.8

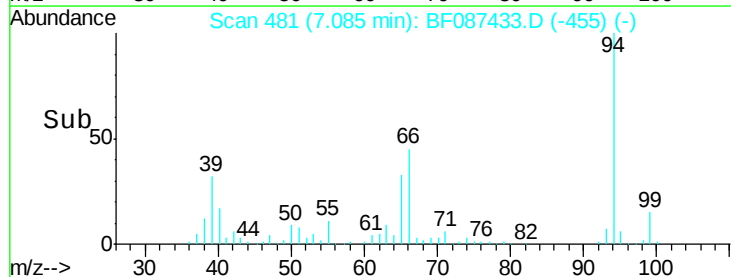
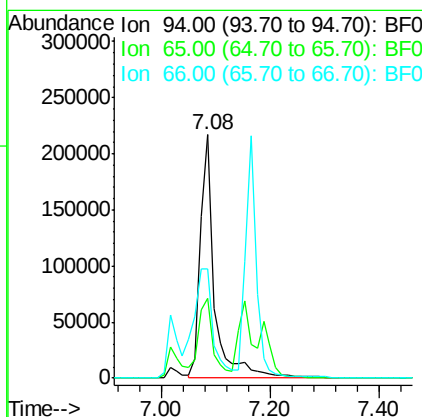
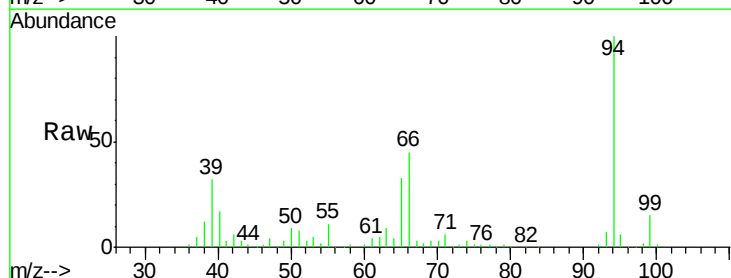
Manual Integrations
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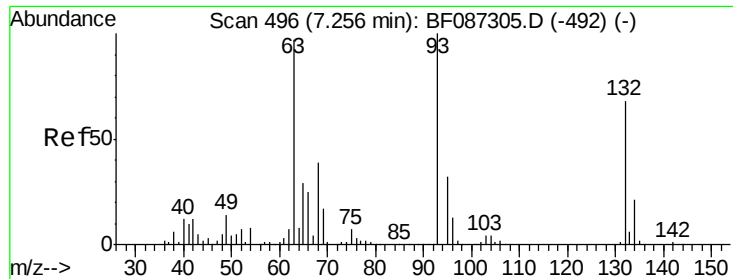
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#10
Phenol
Concen: 43.01 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.7	7.2	47.2
66	44.7	14.9	54.9





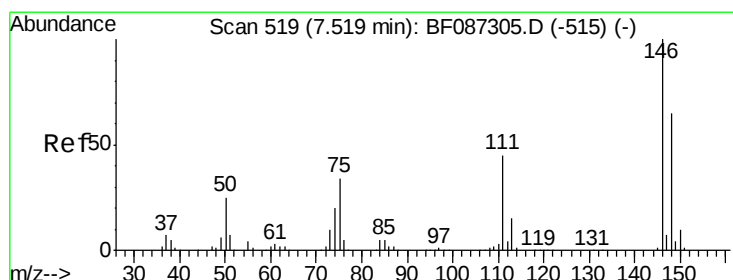
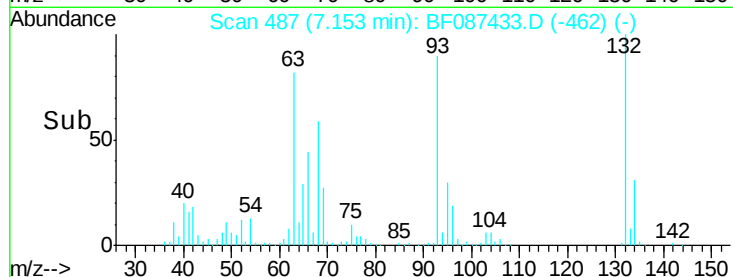
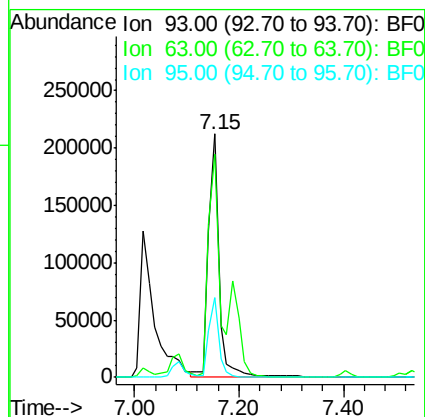
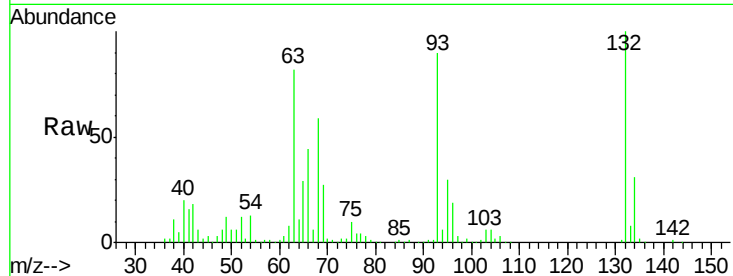
#11
bis(2-Chloroethyl)ether
Concen: 40.91 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampled :
PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	295325		
63	91.5	58.0	98.0	
95	33.0	11.9	51.9	

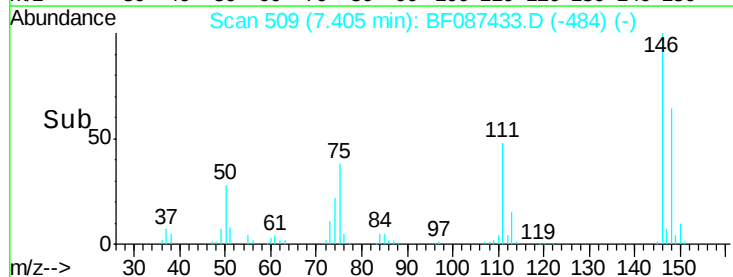
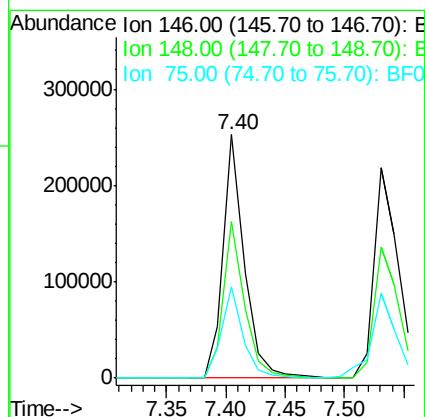
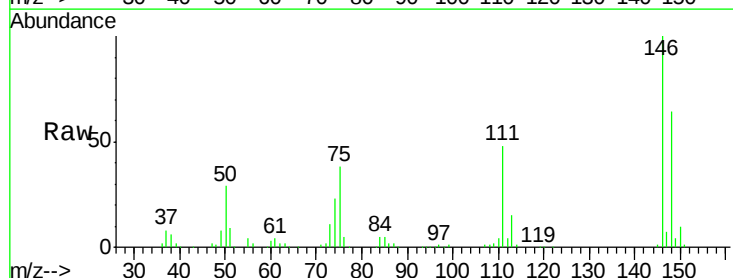
Manual Integrations
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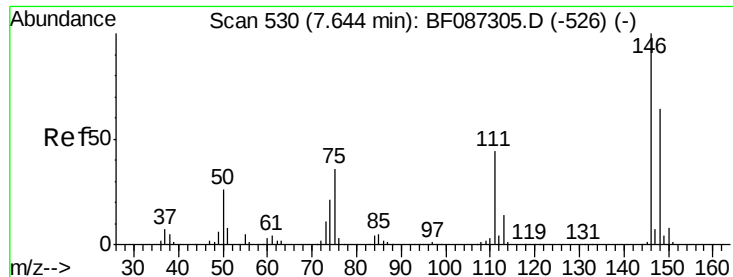
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#12
1,3-Dichlorobenzene
Concen: 38.22 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	314174		
148	64.3	52.4	78.6	
75	37.7	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 38.95 ng/mL

RT: 7.53 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Instrument :

BNA_F

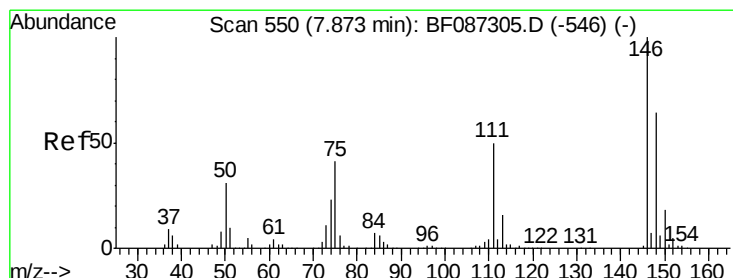
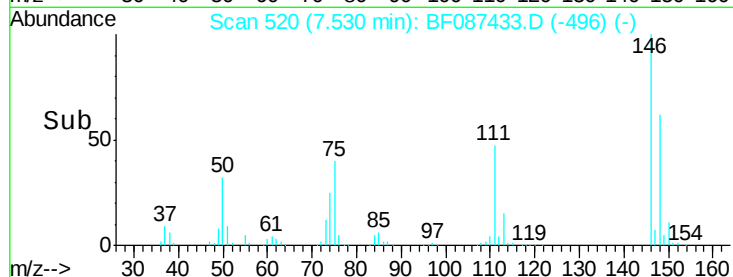
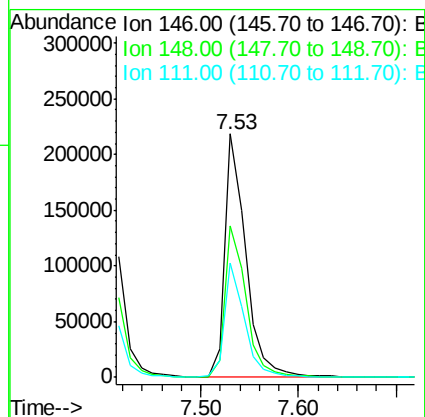
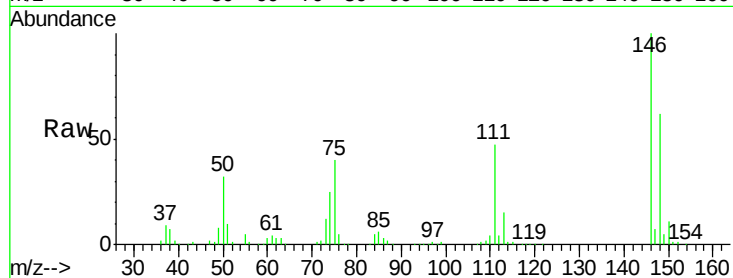
ClientSampled :

PB90847BS

Tot Ion:	146	Resp:	328756
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.2	78.4
111	47.2	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 40.02 ng/mL

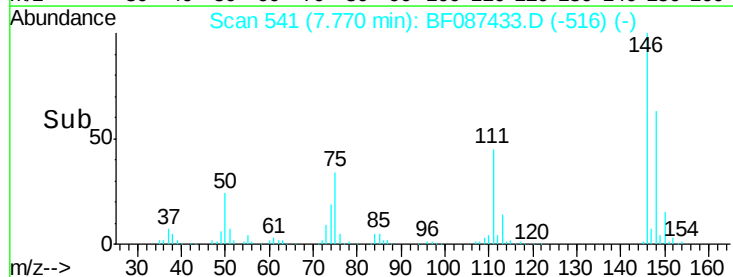
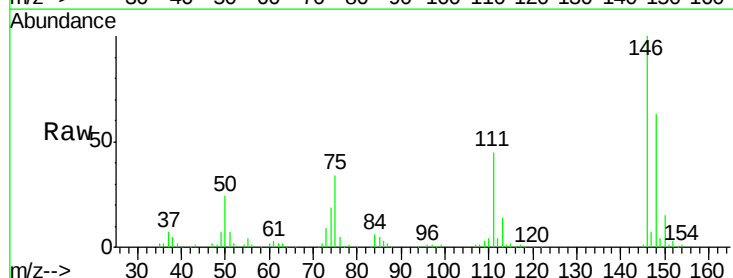
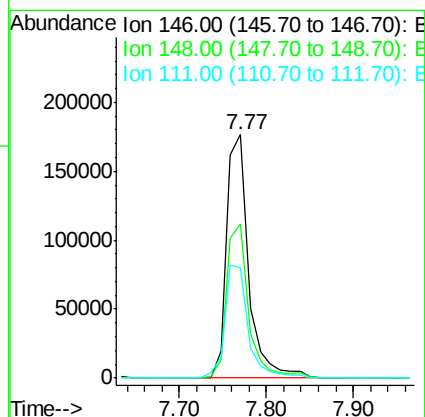
RT: 7.77 min Scan# 541

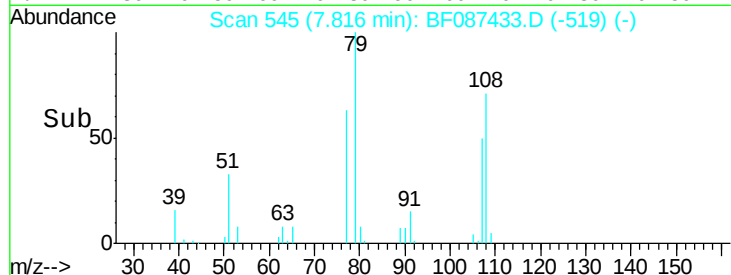
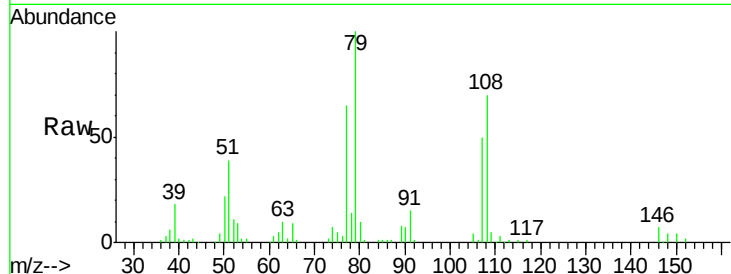
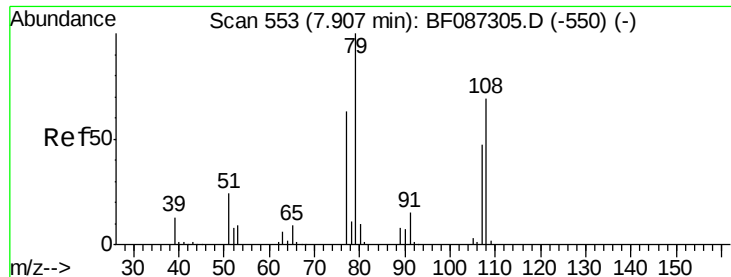
Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Tgt Ion:	146	Resp:	312443
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.0	76.6
111	45.2	36.2	54.4





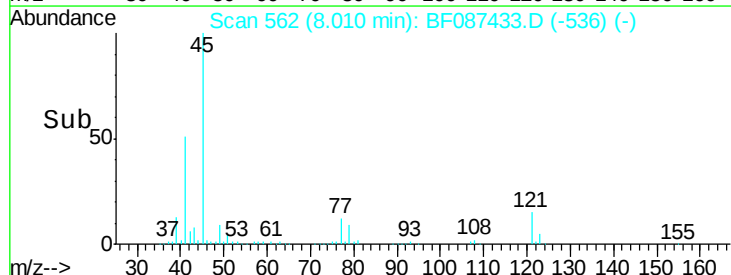
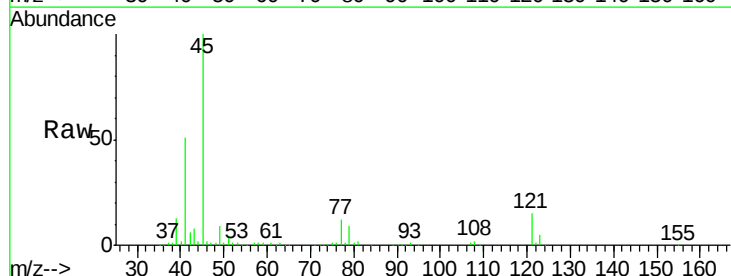
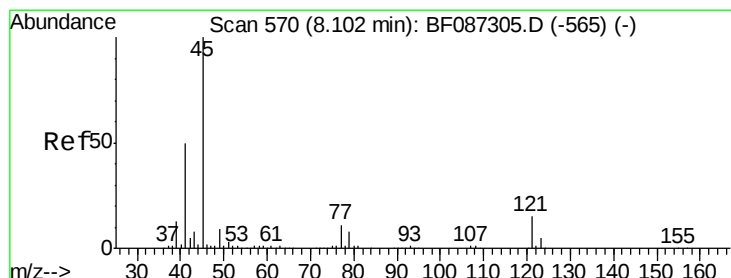
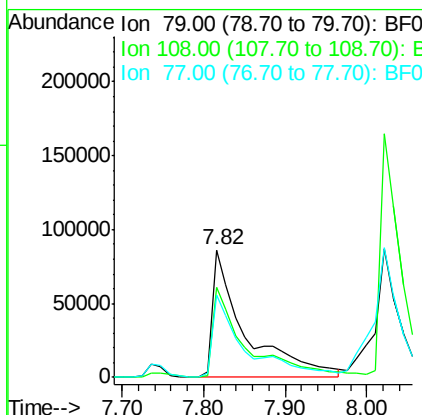
#15
Benzyl Alcohol
Concen: 40.44 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tot Ion	Ratio	Resp	Lower	Upper
79	100	240793		
108	70.4	68.4	102.6	
77	64.6	50.6	76.0	

Instrument :
BNA_F
ClientSampled :
PB90847BS

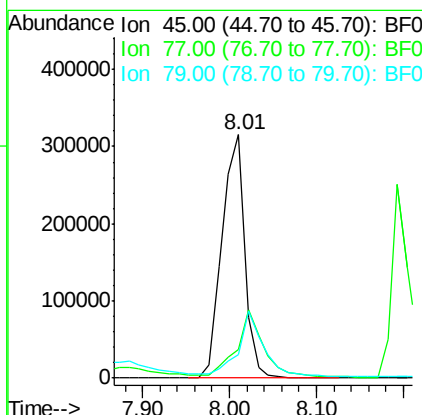
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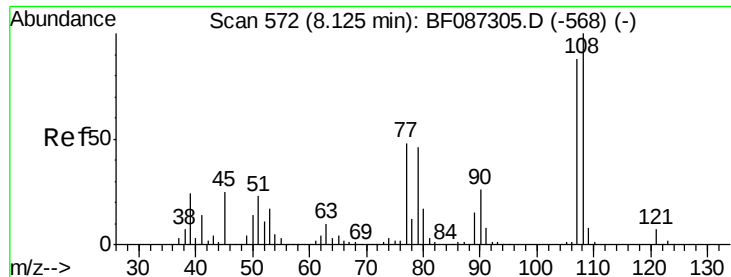
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.52 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	576944		
77	11.8	0.0	36.4	
79	9.5	0.0	33.4	





#17

2-Methylphenol

Concen: 41.49 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Instrument :

BNA_F

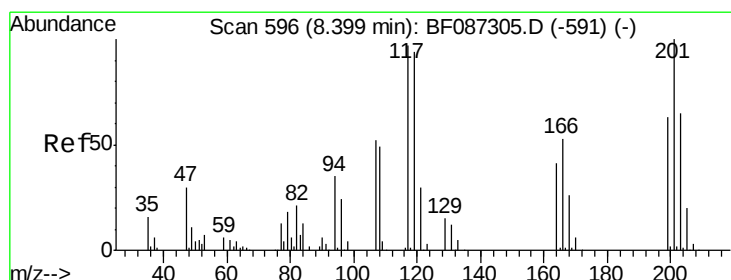
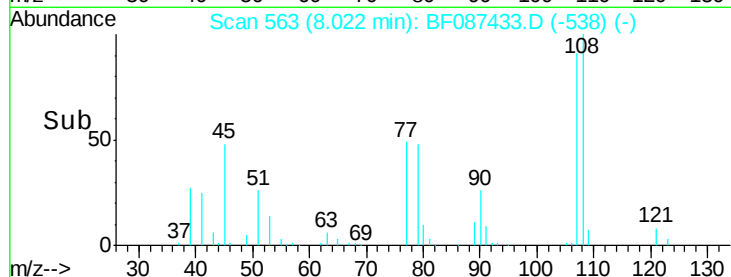
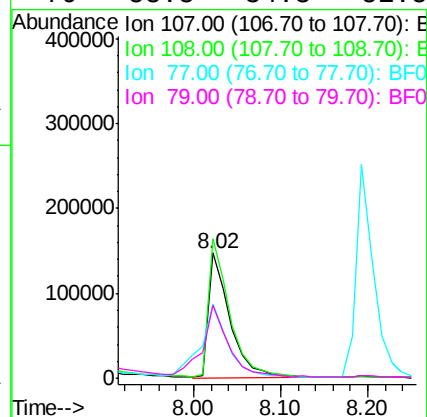
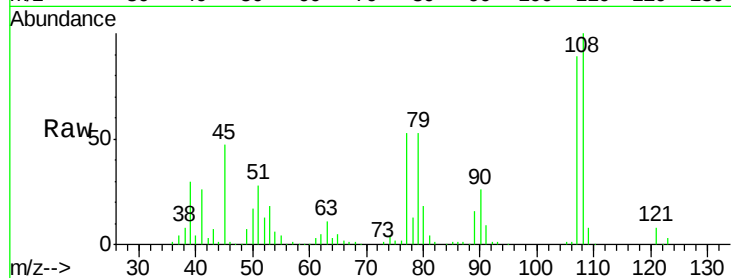
ClientSampleId :

PB90847BS

Tot Ion:	107	Resp:	250643
Ion Ratio	Lower	Upper	
107	100		
108	112.0	93.7	140.5
77	59.8	33.4	50.0#
79	58.8	34.3	51.5#

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#18

Hexachloroethane

Concen: 39.50 ng

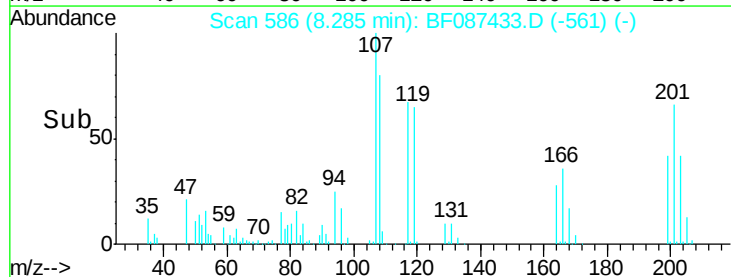
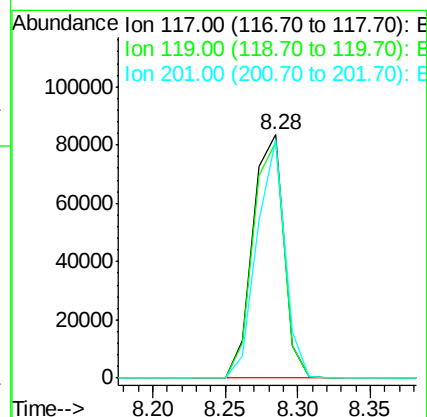
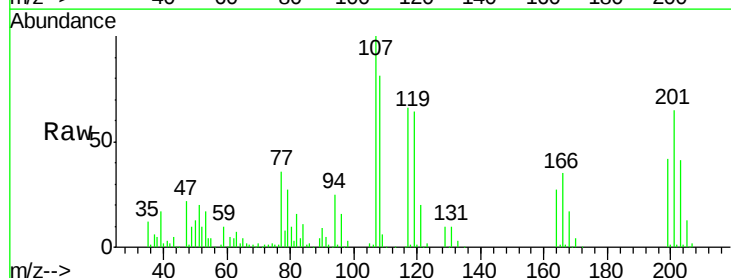
RT: 8.28 min Scan# 586

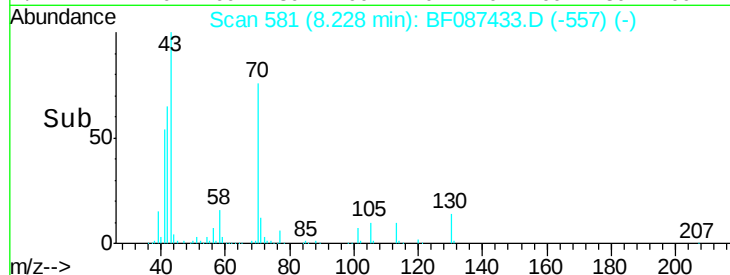
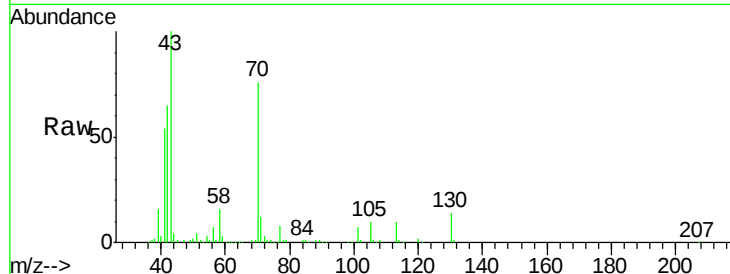
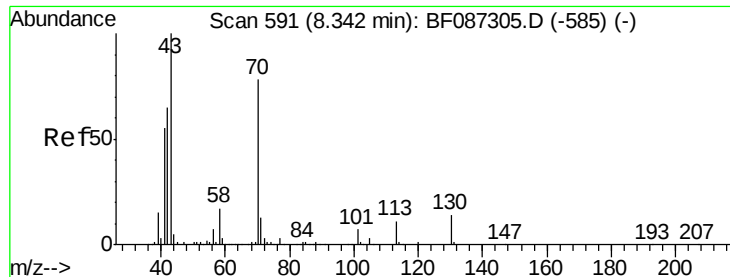
Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Tgt Ion:	117	Resp:	124380
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.5	114.7
201	97.9	63.0	94.6#





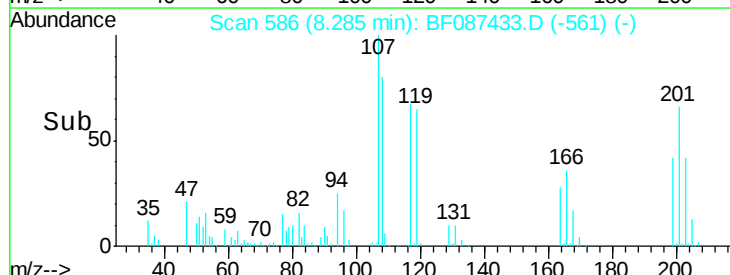
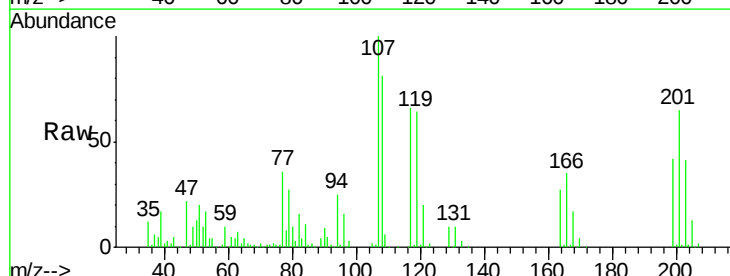
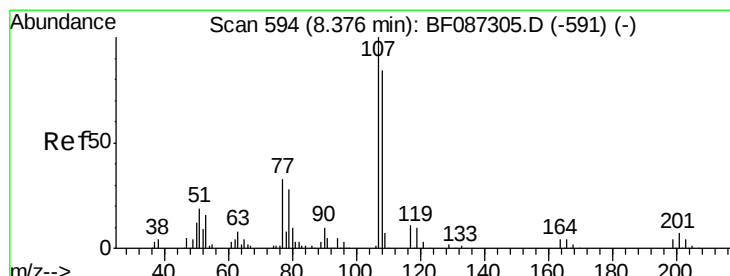
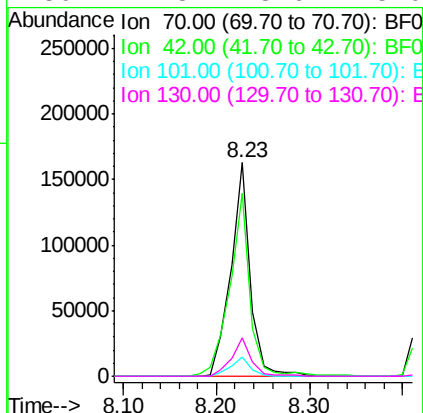
#19
n-Nitroso-di-n-propylamine
Concen: 39.08 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleID :
PB90847BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	85.5	43.1	64.7#
101	8.8	8.1	12.1
130	17.8	18.6	28.0#

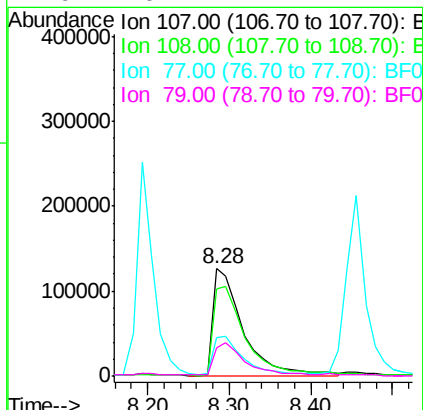
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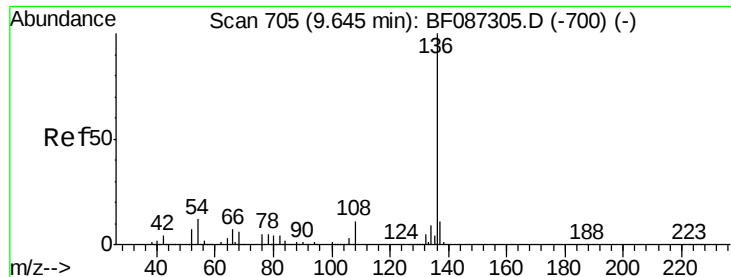
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#20
3+4-Methylphenols
Concen: 43.68 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.1	68.5	108.5
77	36.5	101.6	141.6#
79	26.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Instrument :

BNA_F

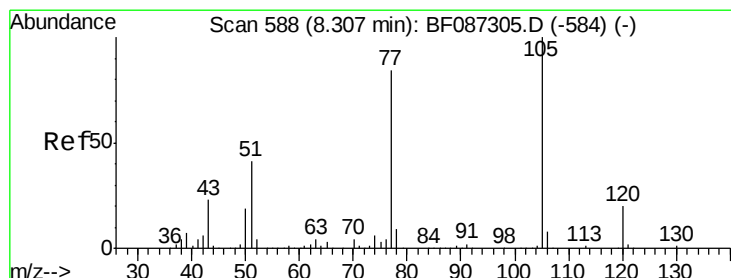
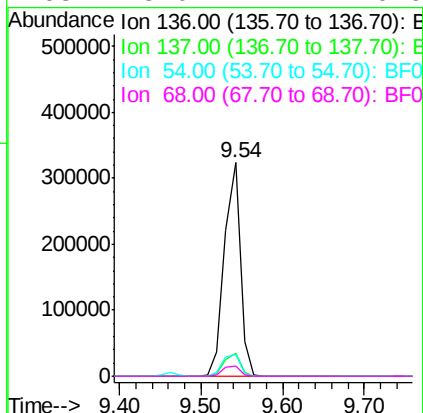
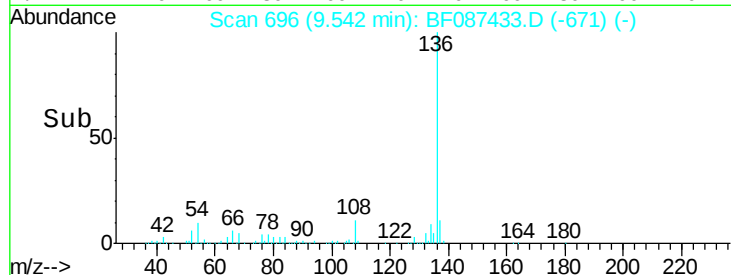
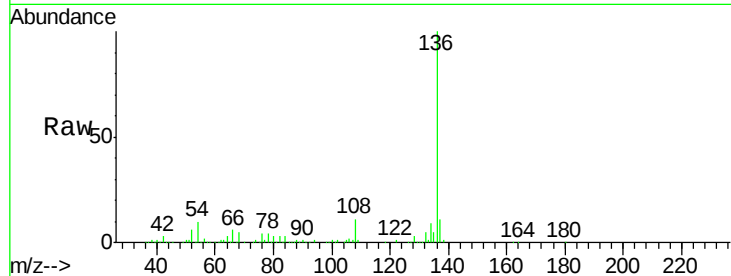
ClientSampled :

PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	440548		
137	10.7	8.8	13.2	
54	10.1	5.0	7.4#	
68	5.0	4.4	6.6	

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#22

Acetophenone

Concen: 40.59 ng

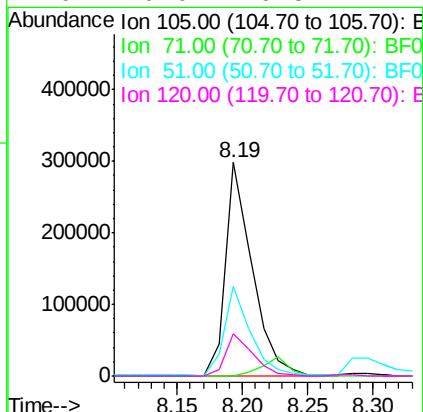
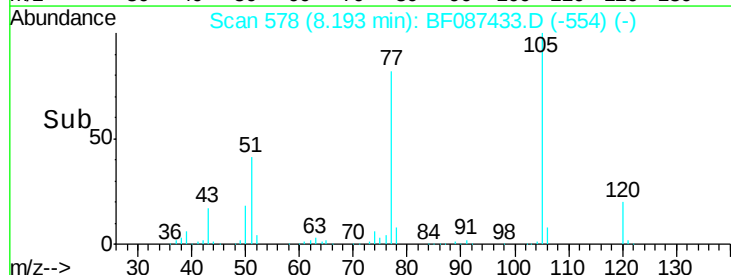
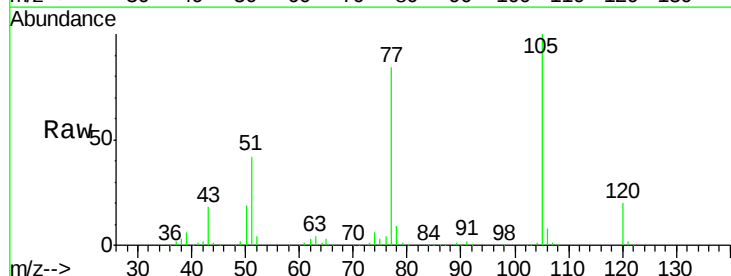
RT: 8.19 min Scan# 578

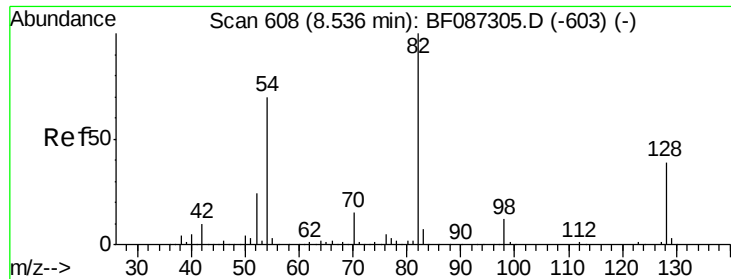
Delta R.T. -0.02 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	427194		
71	0.1	4.8	7.2#	
51	42.2	32.6	49.0	
120	20.0	16.5	24.7	





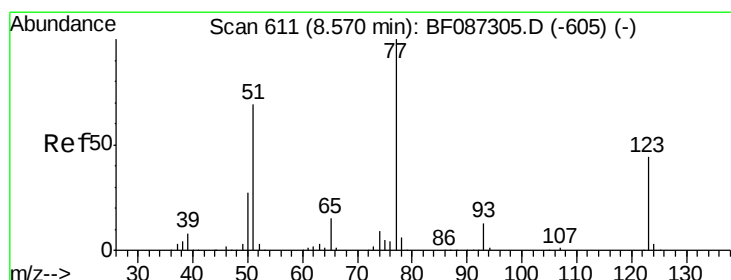
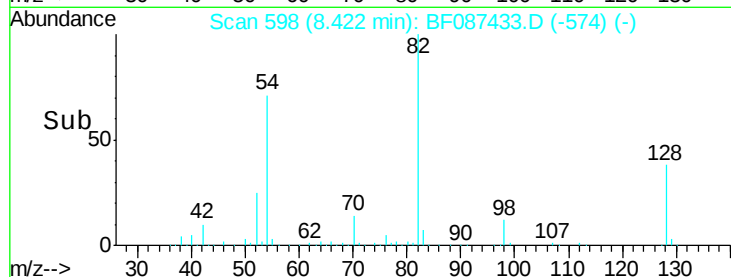
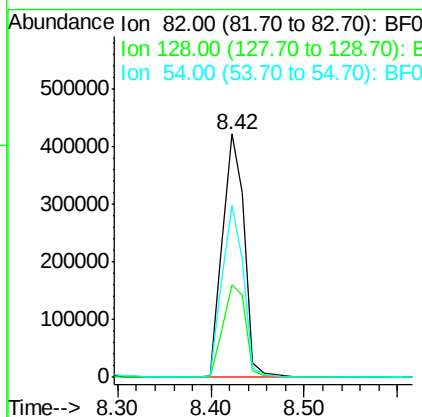
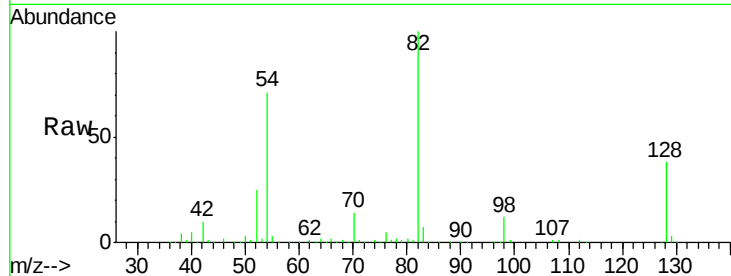
#23
 Nitrobenzene-d5
 Concen: 78.02 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampled :
 PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	681973		
128	38.2	40.6	61.0#	
54	70.7	38.1	57.1#	

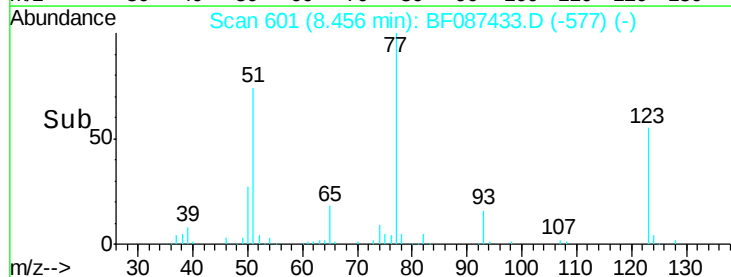
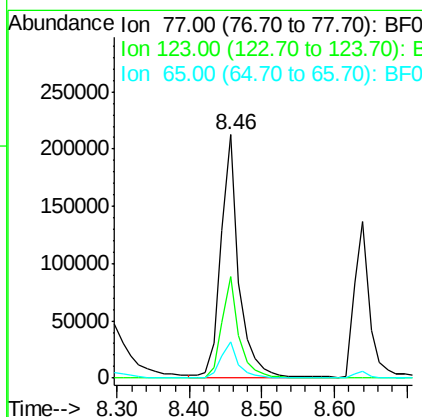
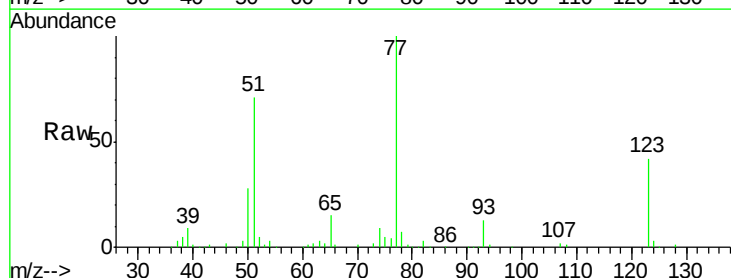
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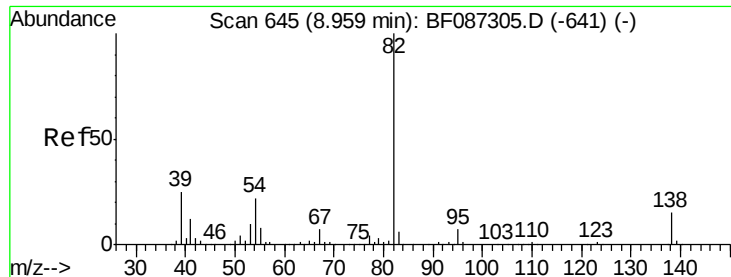
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#24
 Nitrobenzene
 Concen: 38.79 ng
 RT: 8.46 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	357883		
123	41.8	33.0	49.4	
65	14.7	10.8	16.2	





#25

Isophorone

Concen: 38.31 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Instrument :

BNA_F

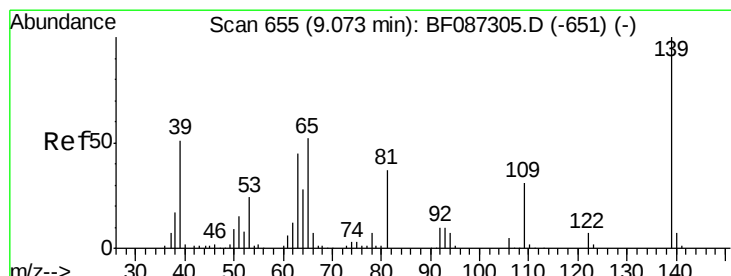
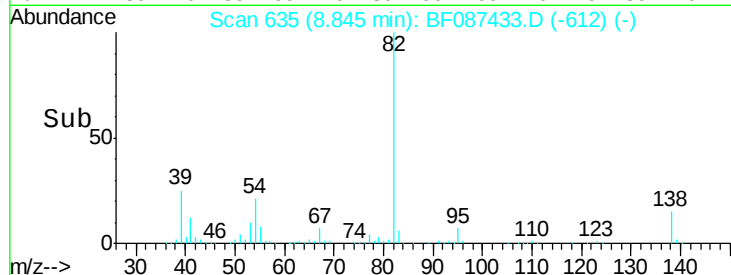
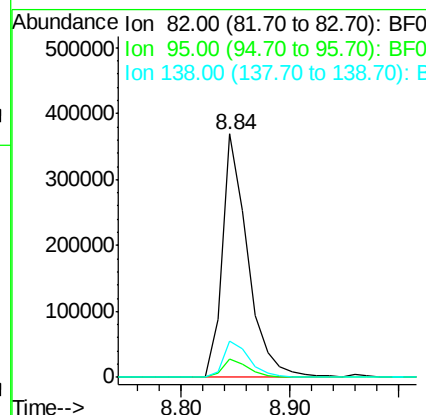
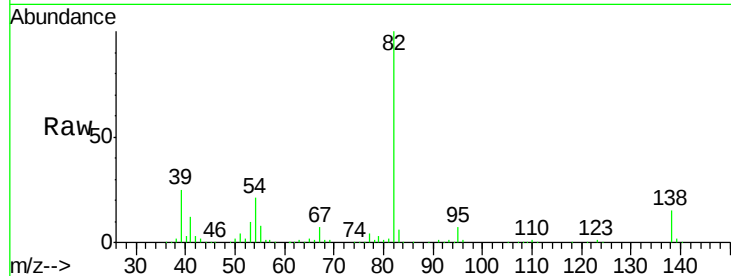
ClientSampled :

PB90847BS

Tot Ion:	82	Resp:	600672
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.1	7.7
138	14.9	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.50 ng

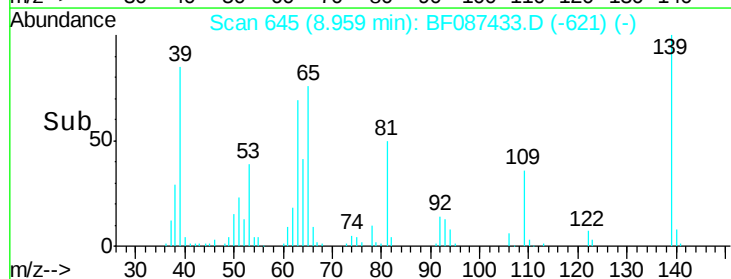
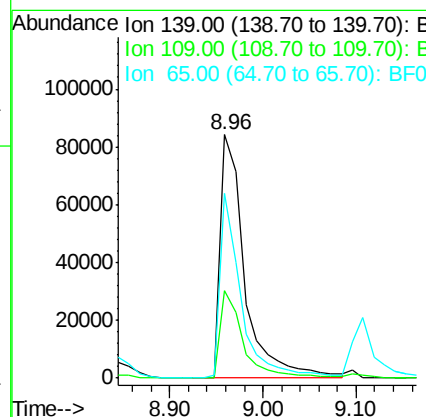
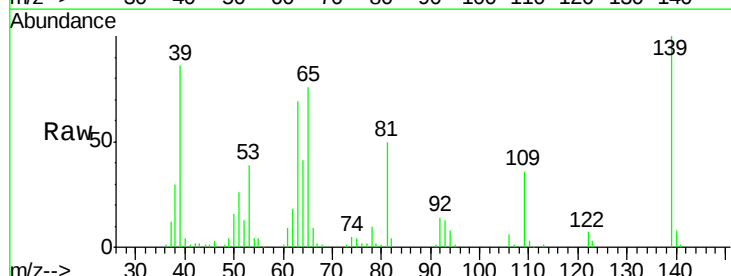
RT: 8.96 min Scan# 645

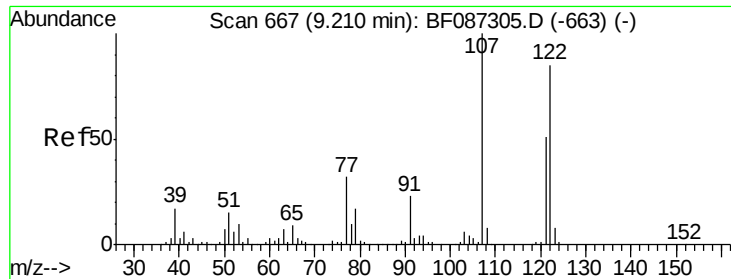
Delta R.T. -0.02 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Tgt Ion:	139	Resp:	152739
Ion Ratio		Lower	Upper
139	100		
109	35.9	19.5	29.3#
65	75.7	37.5	56.3#





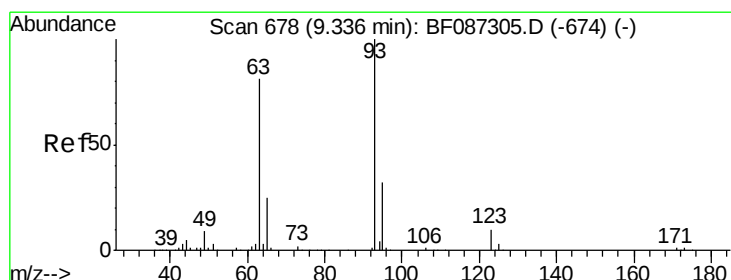
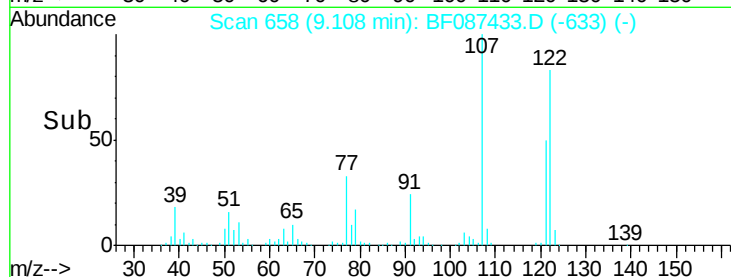
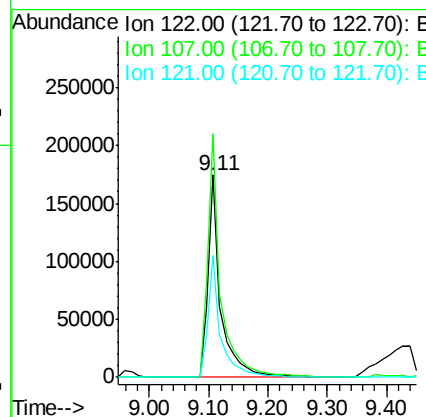
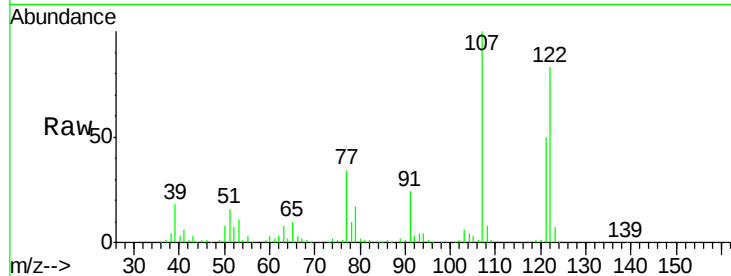
#27
 2,4-Dimethylphenol
 Concen: 40.85 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
267491	122	100			
122	107	120.4	82.0	123.0	
121	60.2	46.1	69.1		

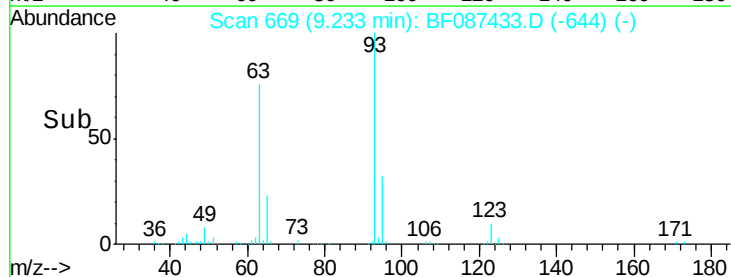
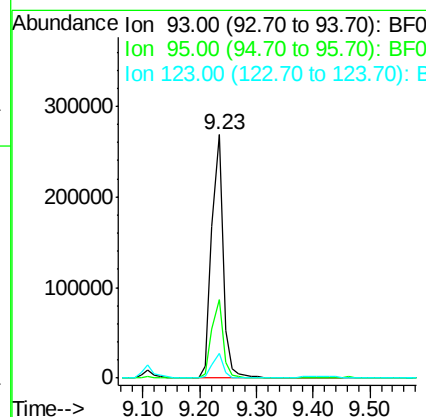
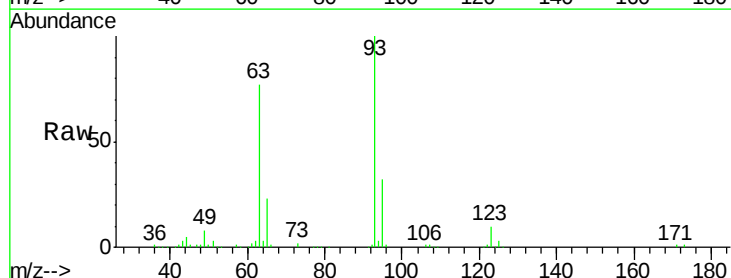
Manual Integrations
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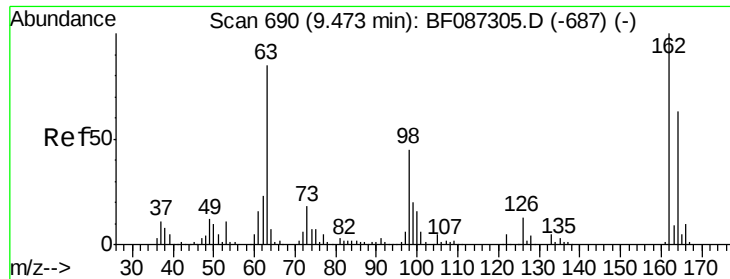
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.15 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
363359	93	100			
93	95	32.1	26.0	39.0	
123	10.2	9.5	14.3		





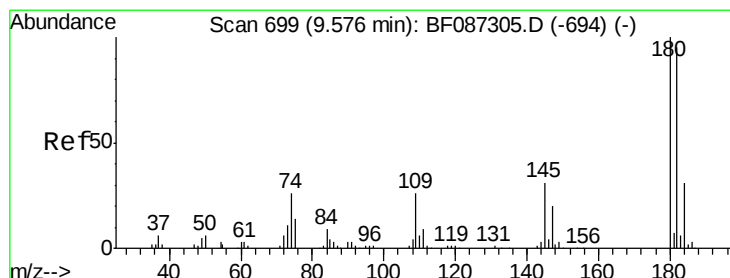
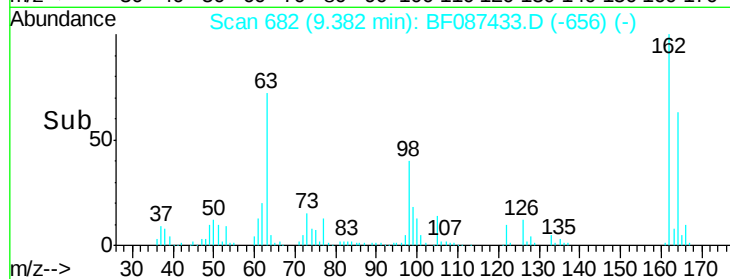
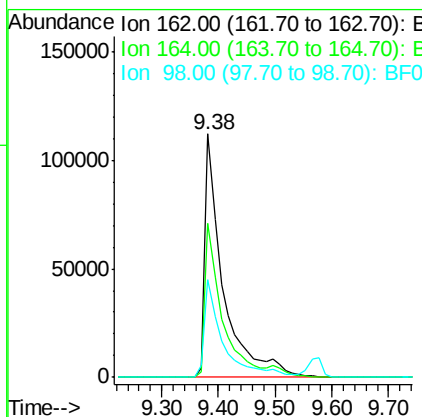
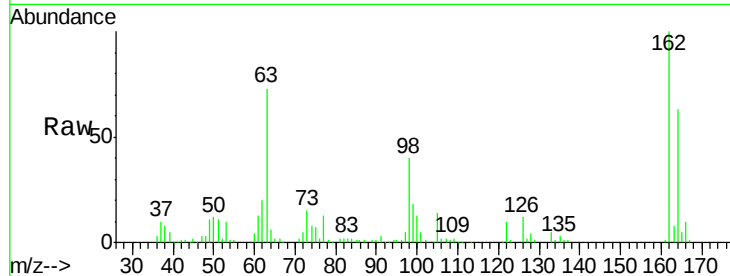
#29
 2,4-Dichlorophenol
 Concen: 41.29 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	42.2	82.2
98	40.2	19.0	59.0

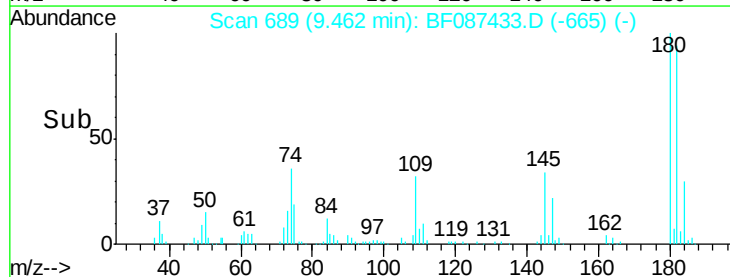
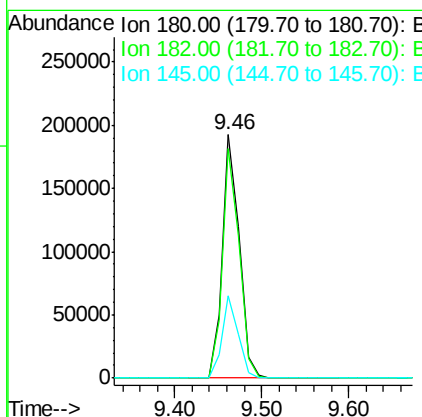
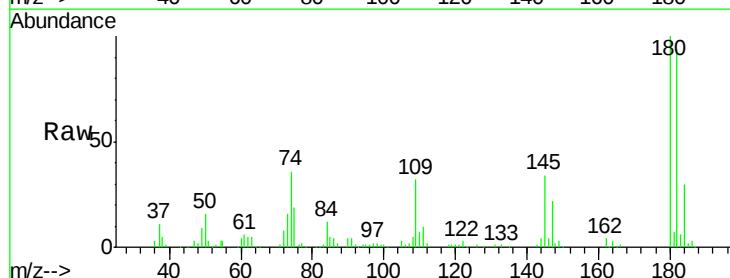
Manual Integrations
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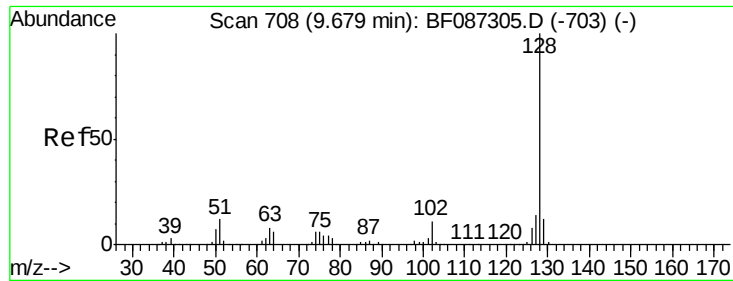
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.00 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	78.0	117.0
145	33.8	24.2	36.2





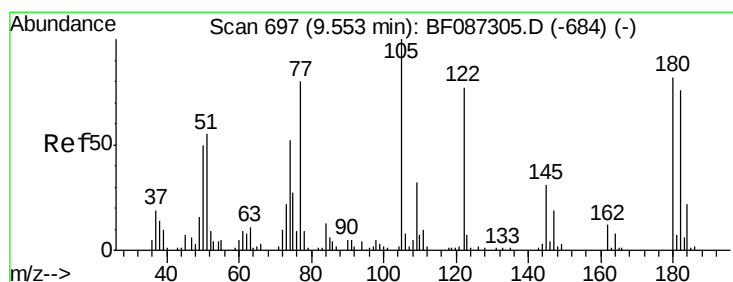
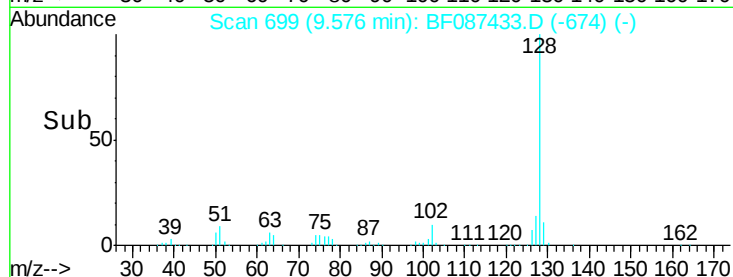
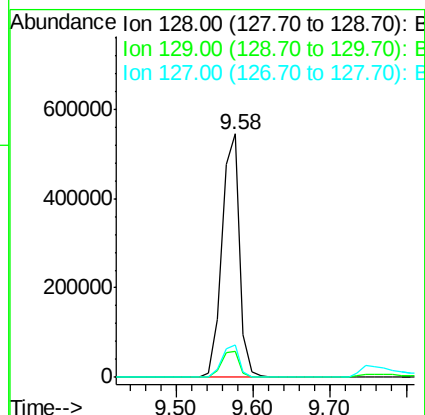
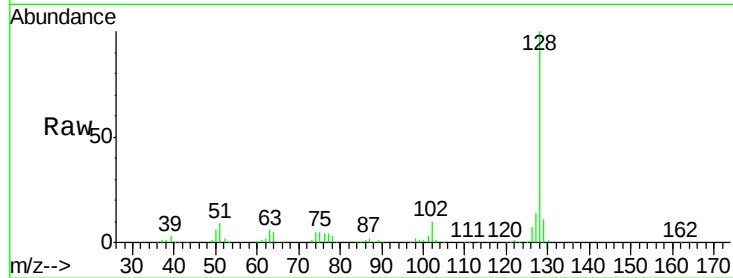
#31
Naphthalene
Concen: 39.79 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.6	13.0	
127	13.5	10.8	16.2	

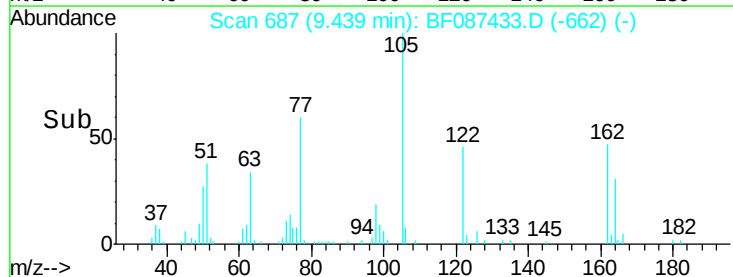
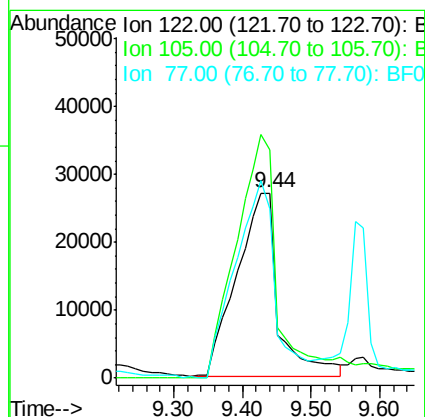
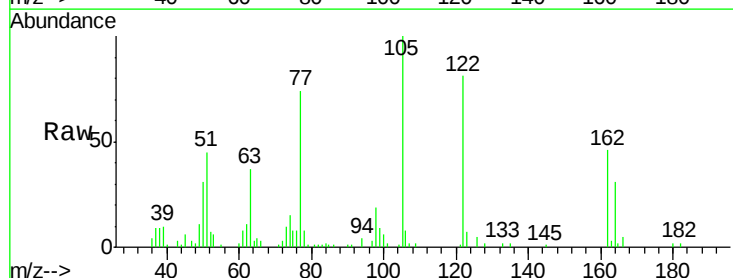
Manual Integrations
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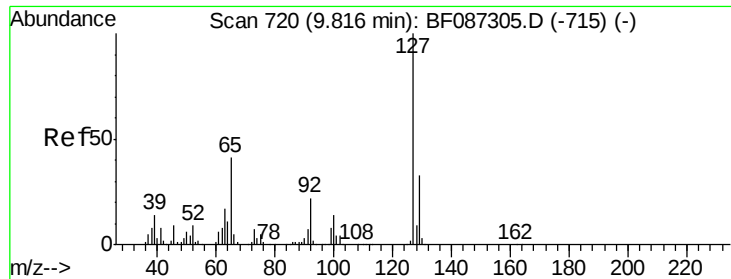
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#32
Benzoic acid
Concen: 35.06 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.3	92.6	132.6	
77	91.3	60.0	100.0	





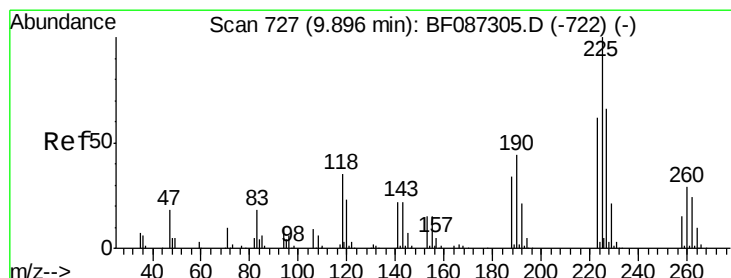
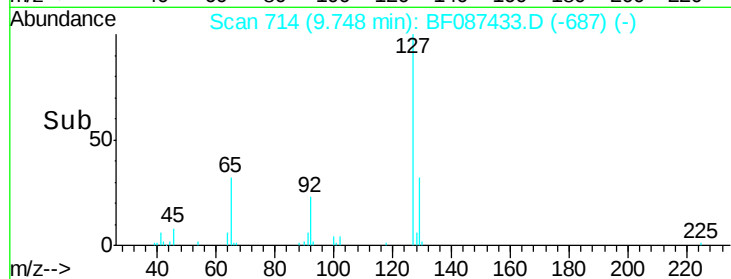
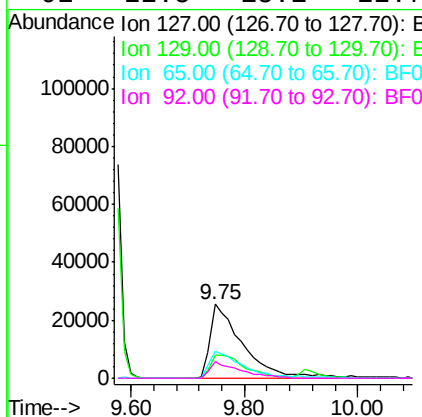
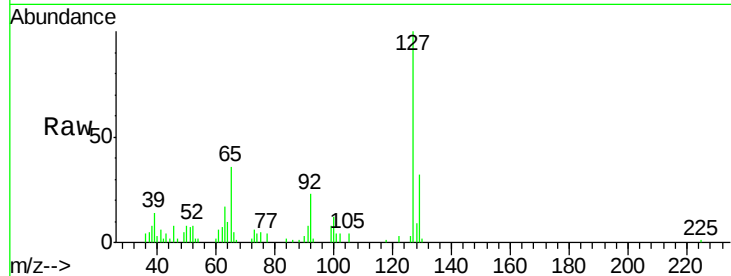
#33
4-Chloroaniline
Concen: 12.34 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampled :
PB90847BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.2	39.4		
65	36.4	23.0	34.4		
92	22.5	15.1	22.7		

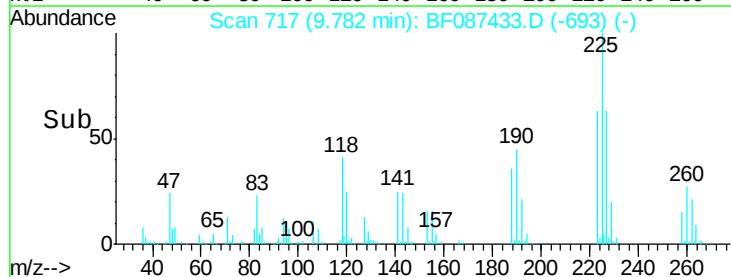
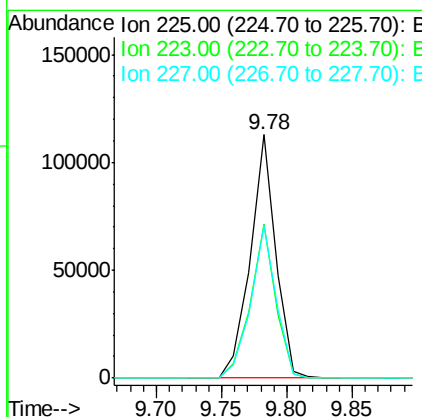
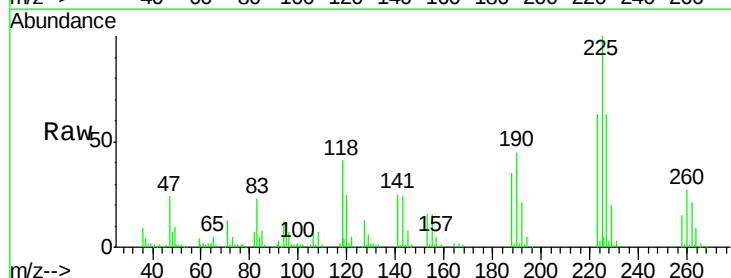
Manual Integrations
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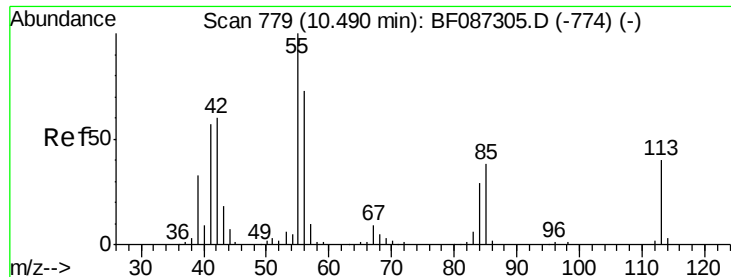
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#34
Hexachlorobutadiene
Concen: 37.32 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.5	77.3		
227	63.0	52.2	78.2		





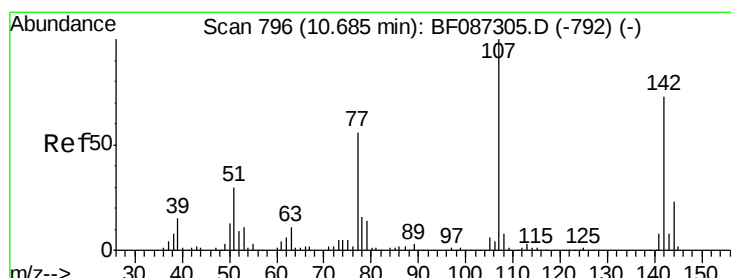
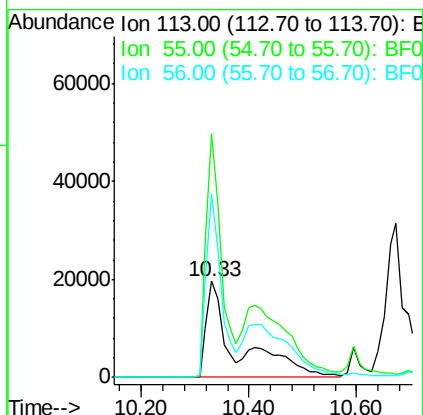
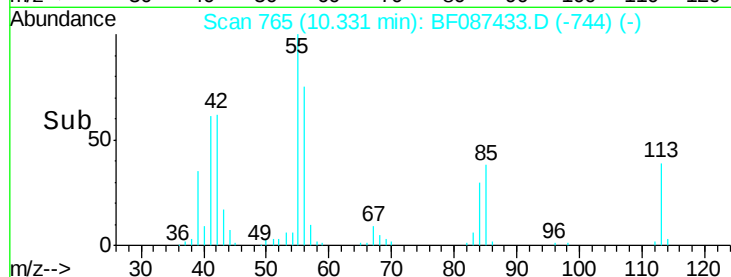
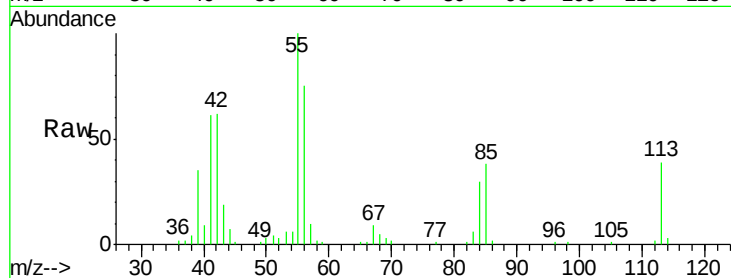
#35
 Caprolactam
 Concen: 44.34 ng/ml
 RT: 10.33 min Scan# 765
 Delta R.T. -0.06 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	254.0	162.0	202.0#
56	191.4	115.3	155.3#

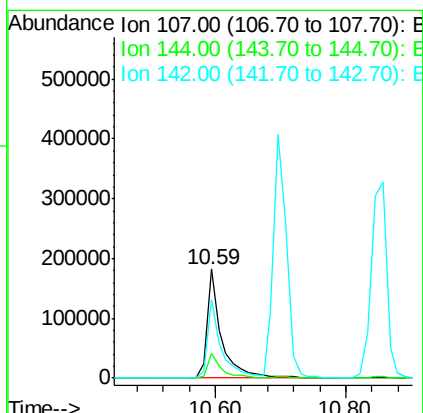
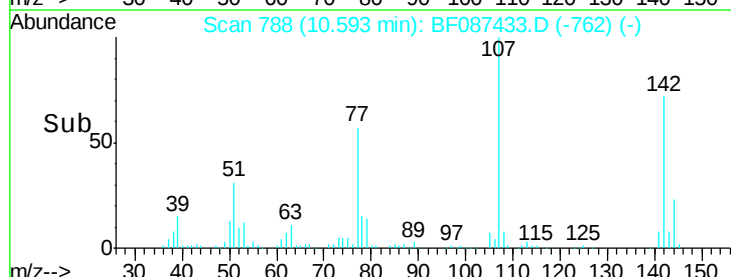
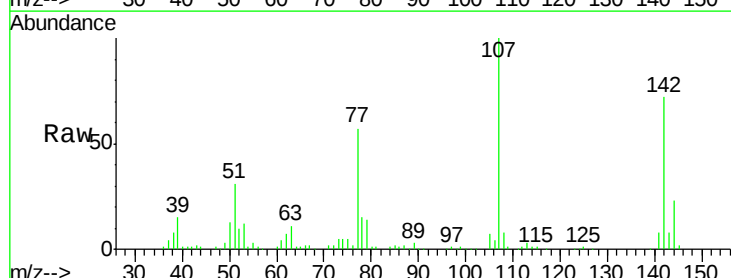
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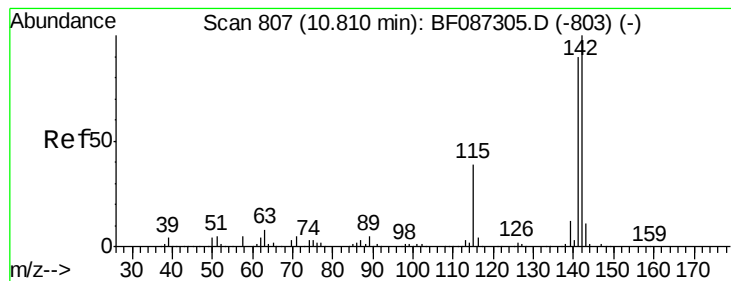
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#36
 4-Chloro-3-methylphenol
 Concen: 41.72 ng/ml
 RT: 10.59 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	20.7	31.1
142	72.5	63.2	94.8





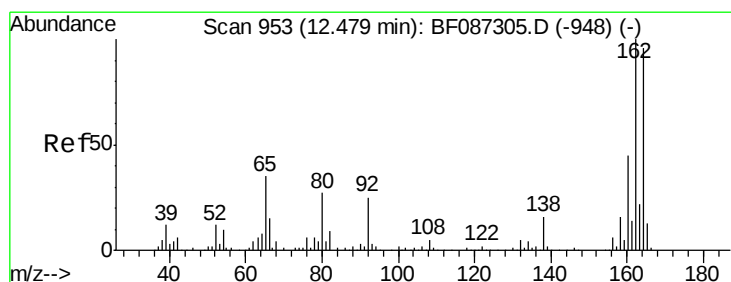
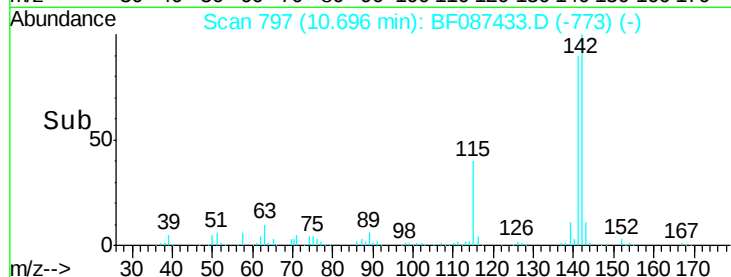
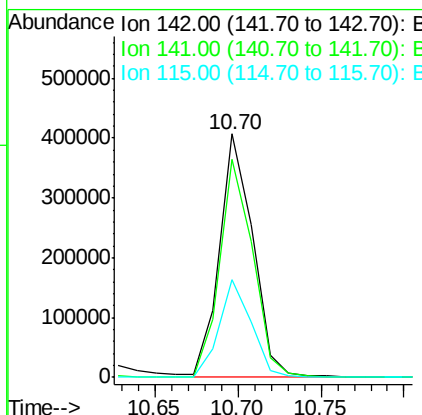
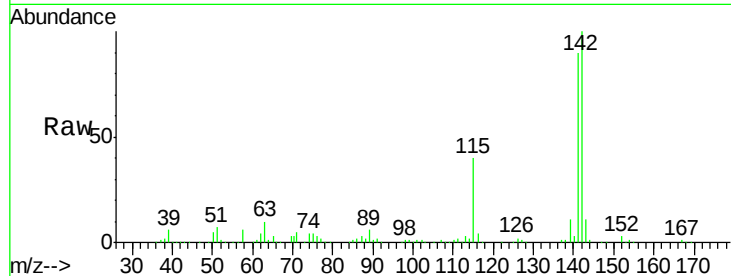
#37
2-Methylnaphthalene
Concen: 41.12 ng/ml
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleID :
PB90847BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	40.2	26.6	39.8

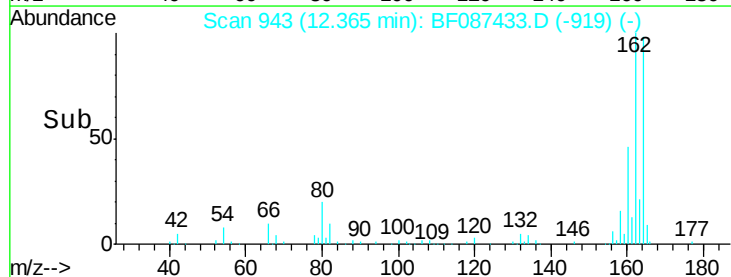
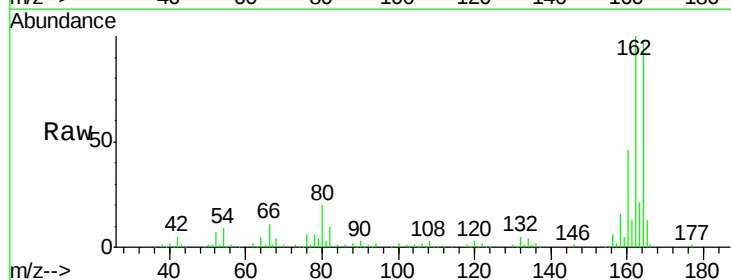
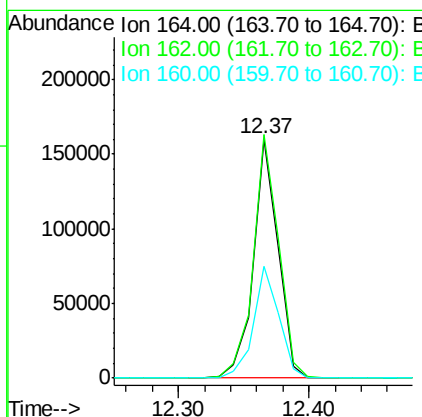
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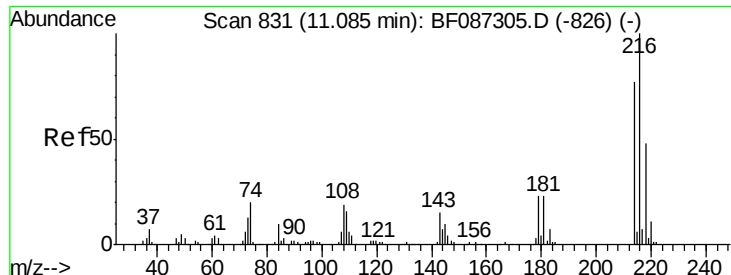
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	46.7	36.9	55.3





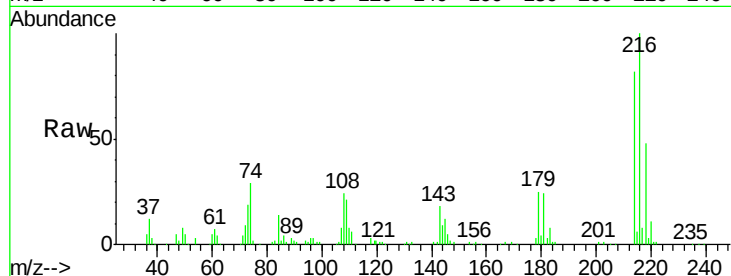
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.15 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampled :
 PB90847BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		244049		
214	79.6	62.6	93.8		
179	23.4	18.2	27.4		
108	24.2	17.5	26.3		

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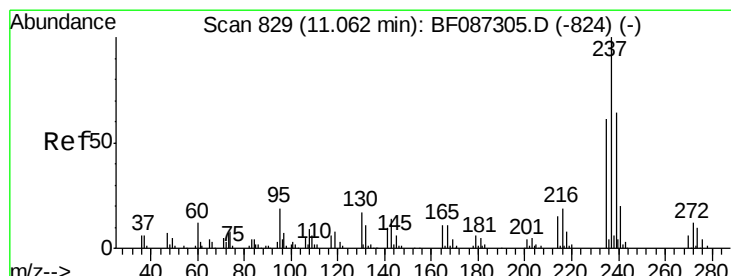
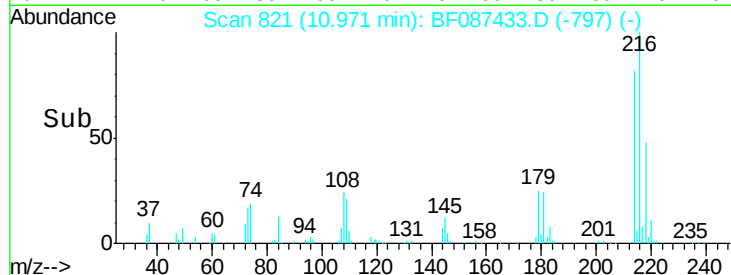
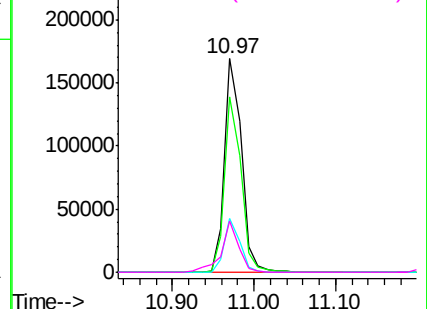
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

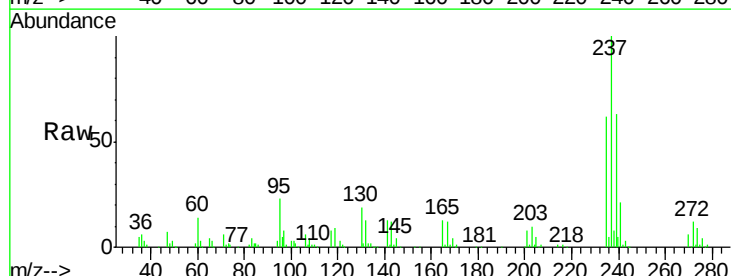
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 62.45 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		166975		
235	61.8	47.2	87.2		
272	11.6	0.0	31.1		

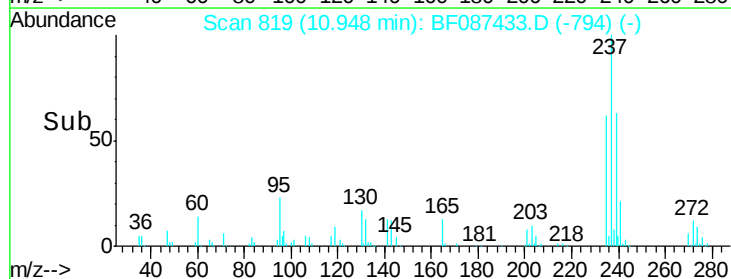
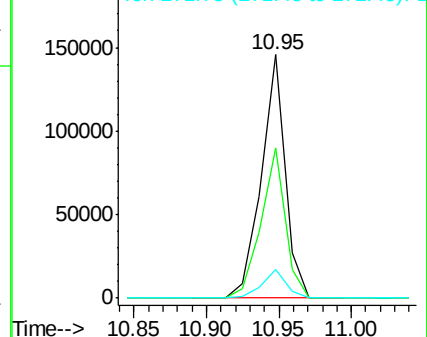


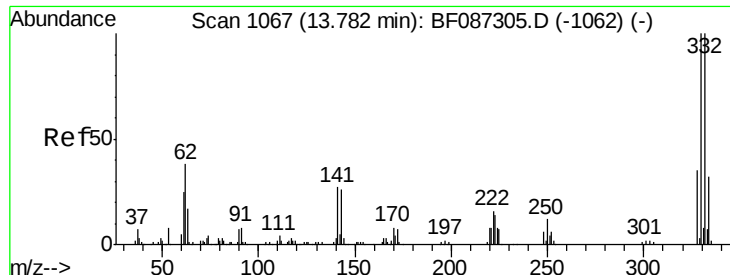
Abundance

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





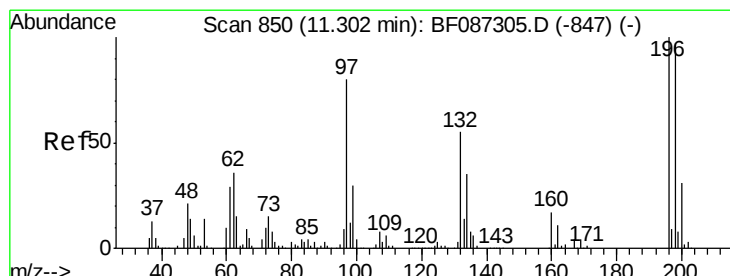
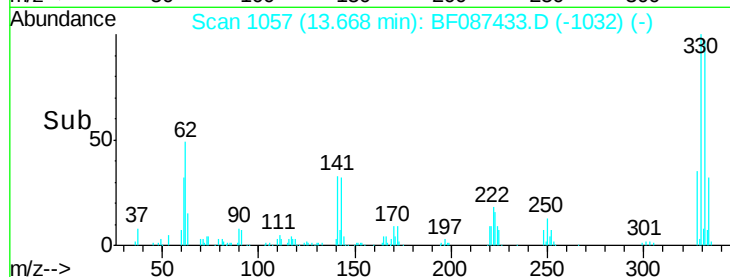
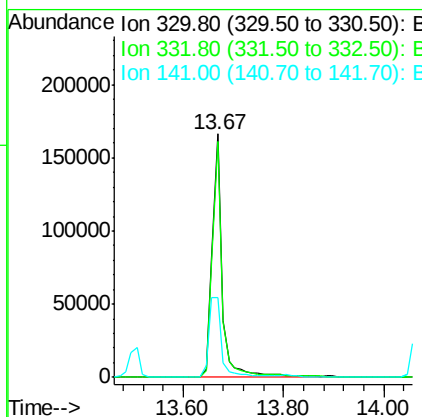
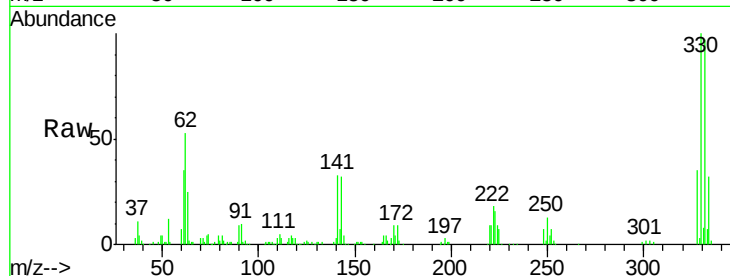
#41
 2,4,6-Tribromophenol
 Concen: 116.15 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	79.0	118.4	
141	41.9	31.2	46.8	

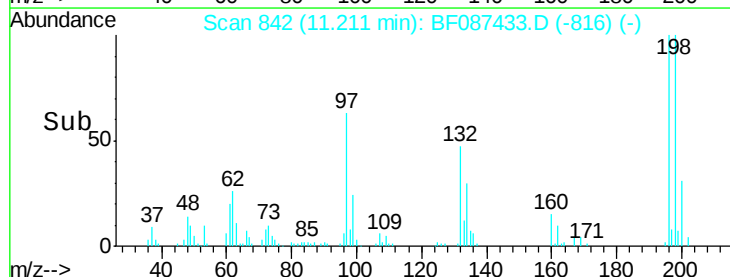
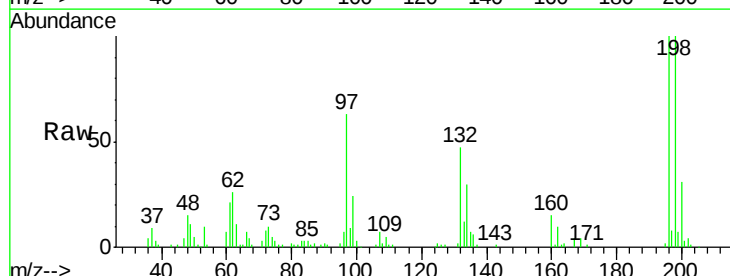
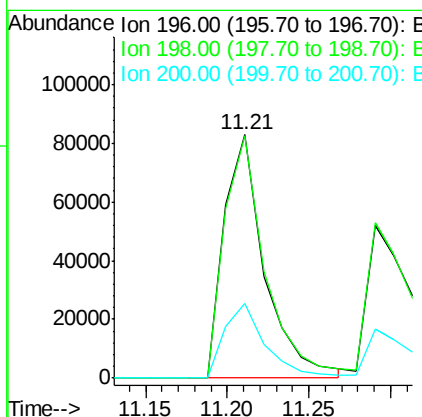
Manual Integrations
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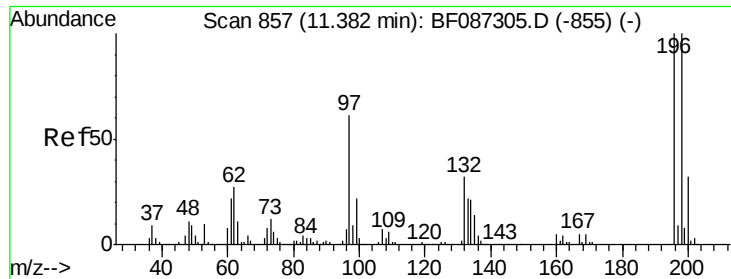
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#42
 2,4,6-Trichlorophenol
 Concen: 36.63 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.5	74.7	112.1	
200	30.8	23.8	35.6	





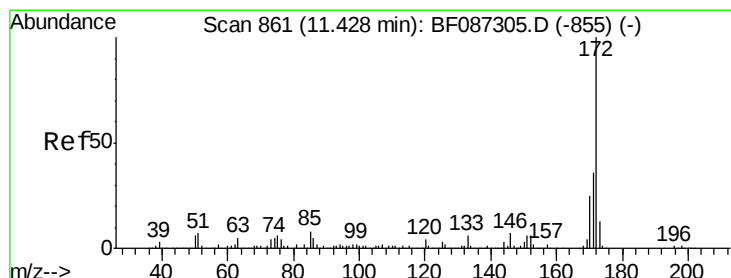
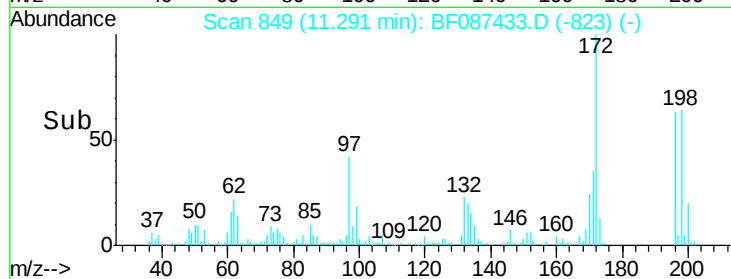
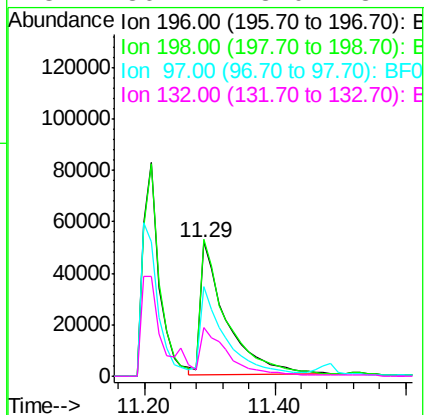
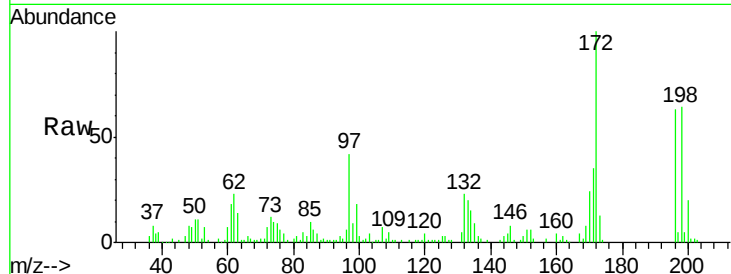
#43
 2,4,5-Trichlorophenol
 Concen: 35.67 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	141577		
198	101.9	77.5	116.3	
97	66.6	34.8	52.2	
132	36.2	23.0	34.4	

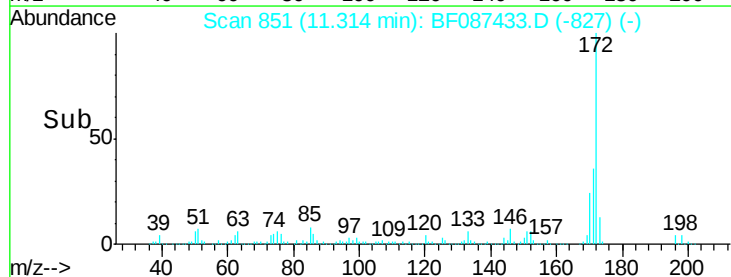
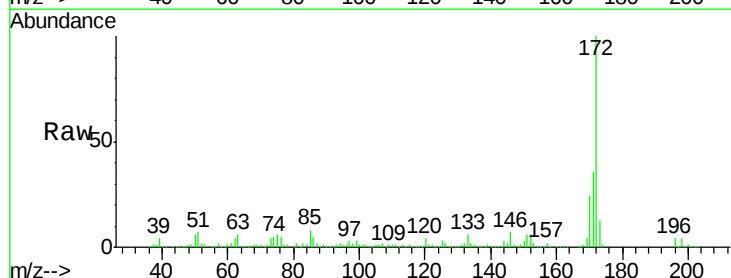
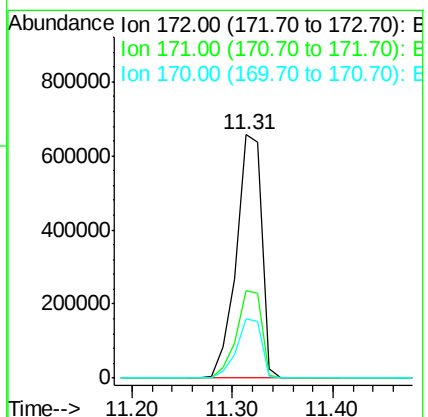
Manual Integrations
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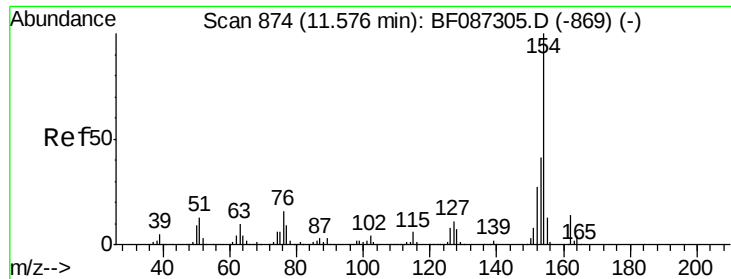
sohil
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#44
 2-Fluorobiphenyl
 Concen: 77.01 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1152093		
171	35.9	29.0	43.6	
170	24.3	19.8	29.8	





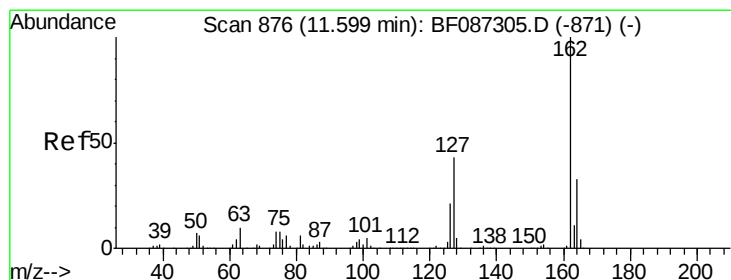
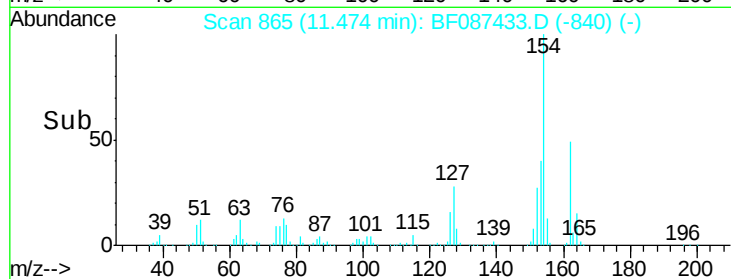
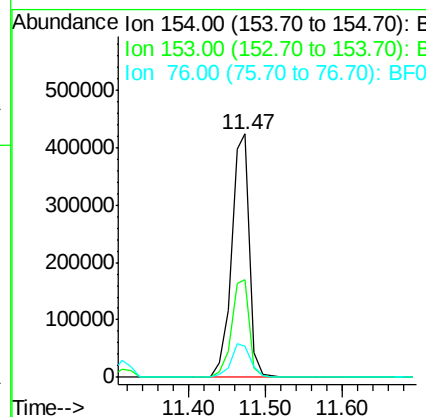
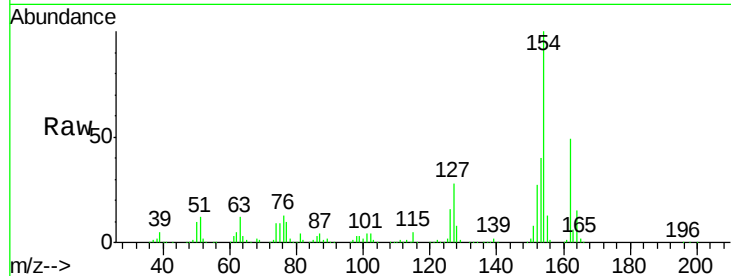
#45
 1,1'-Biphenyl
 Concen: 39.37 ng
 RT: 11.47 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampled :
 PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	699169		
153	40.1	20.3	60.3	
76	12.8	0.0	30.2	

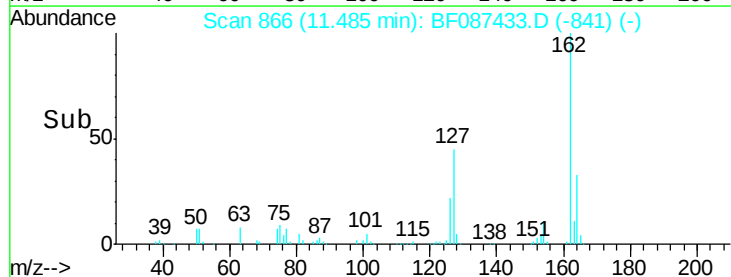
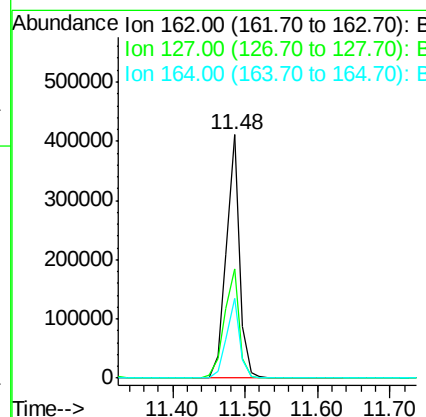
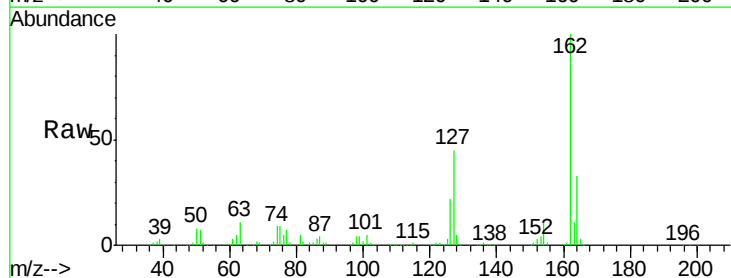
Manual Integrations
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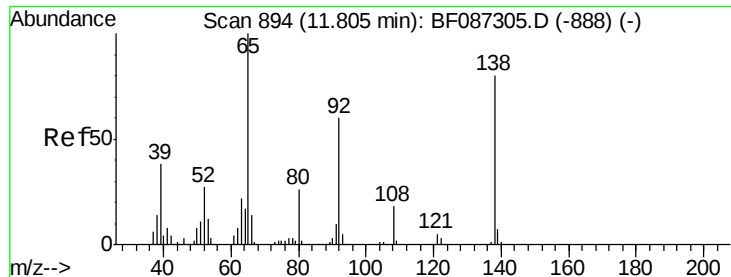
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#46
 2-Chloronaphthalene
 Concen: 38.43 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	522076		
127	44.8	31.8	47.6	
164	32.8	27.0	40.6	





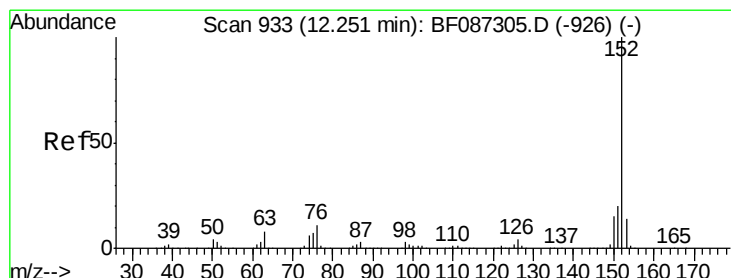
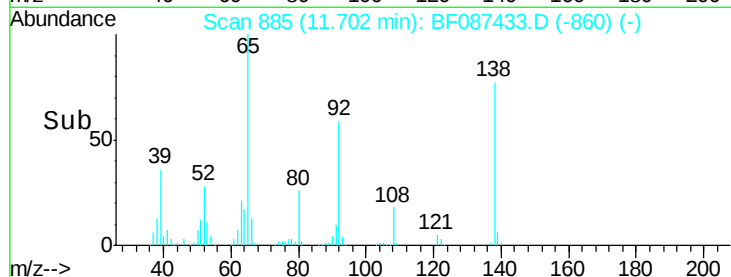
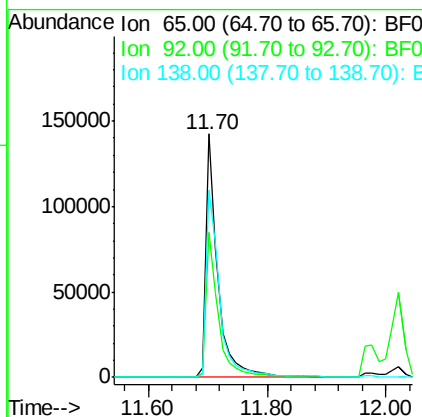
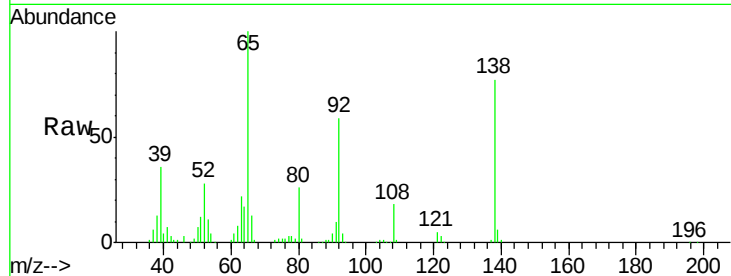
#47
2-Nitroaniline
Concen: 41.19 ng
RT: 11.70 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.4	57.4	86.2
138	77.1	90.1	135.1#

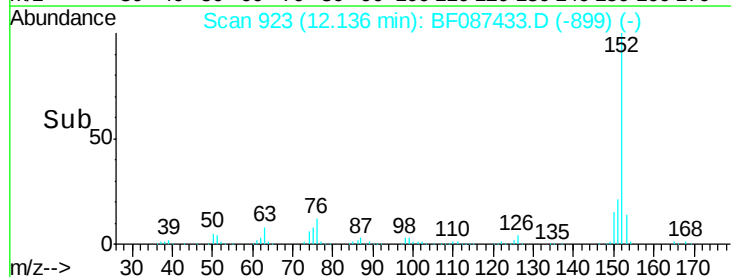
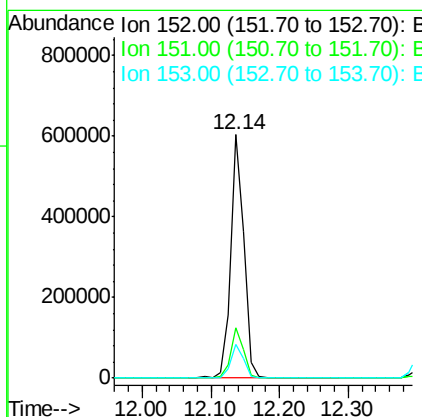
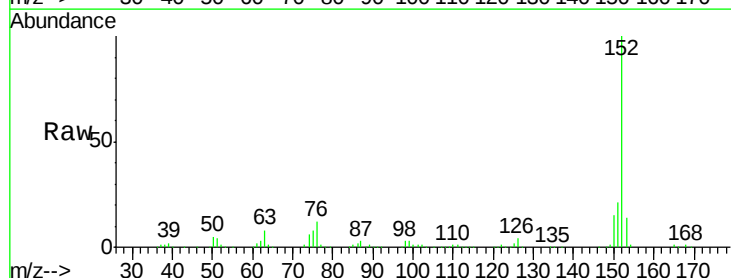
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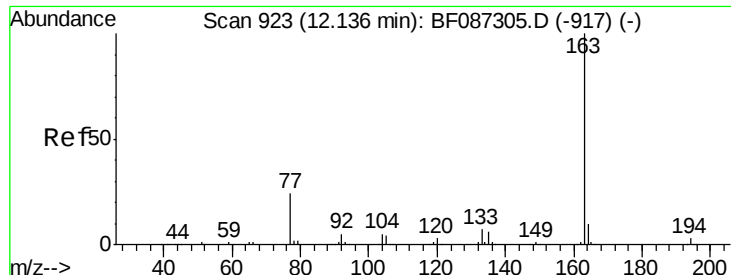
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#48
Acenaphthylene
Concen: 38.10 ng
RT: 12.14 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.9	10.9	16.3





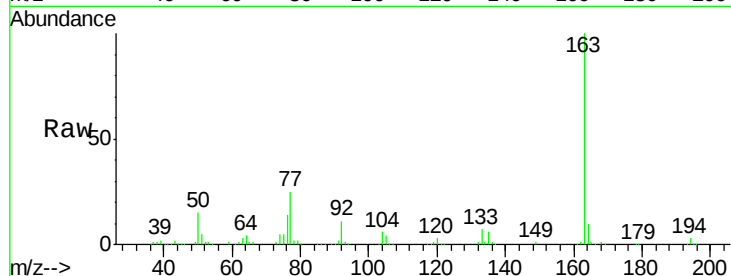
#49
Dimethylphthalate
Concen: 37.90 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

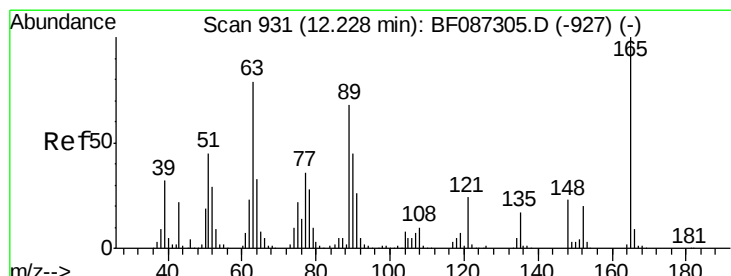
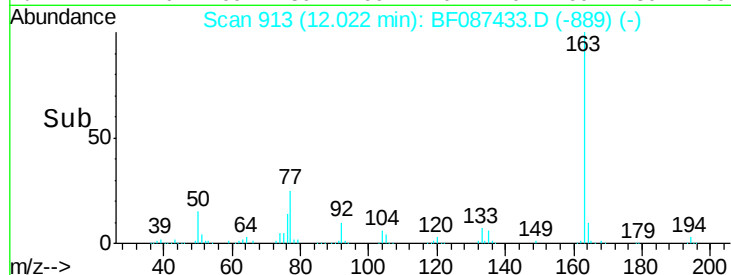
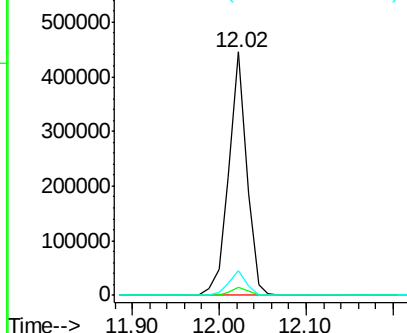
Tot Ion	Ratio	Resp	Lower	Upper
163	100	640354		
194	3.1	2.6	4.0	
164	10.1	8.2	12.4	

Manual Integrations
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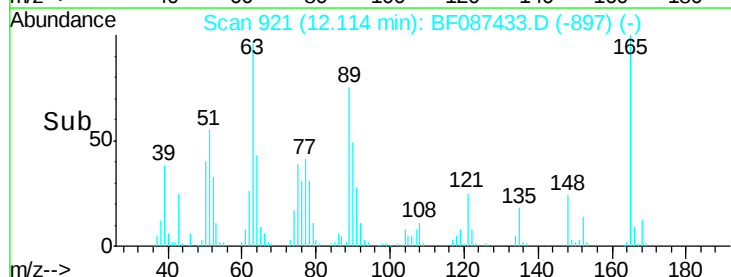
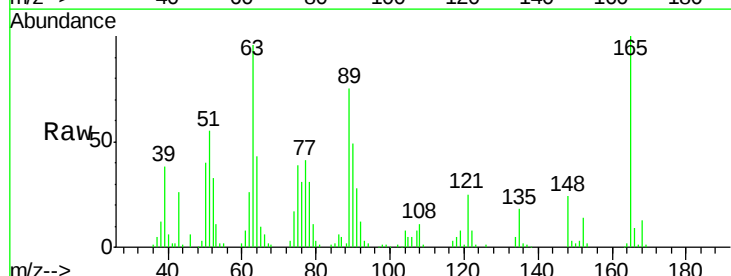
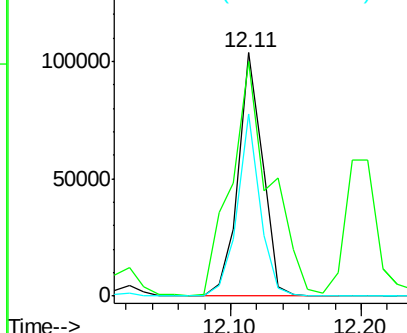
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

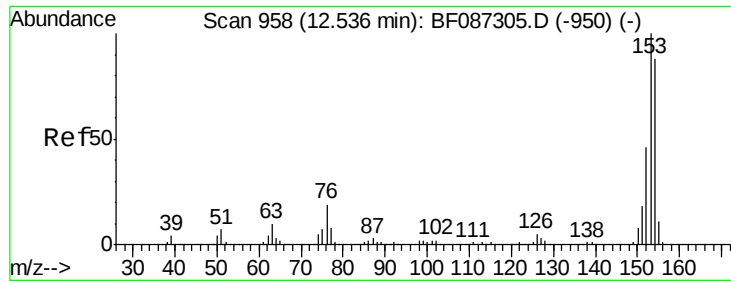


#50
2,6-Dinitrotoluene
Concen: 39.54 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134626		
63	96.3	51.8	77.8#	
89	75.0	50.7	76.1	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





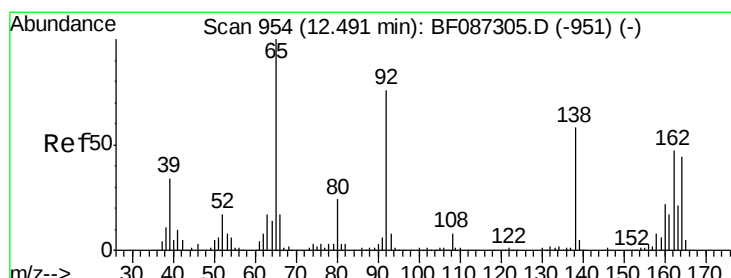
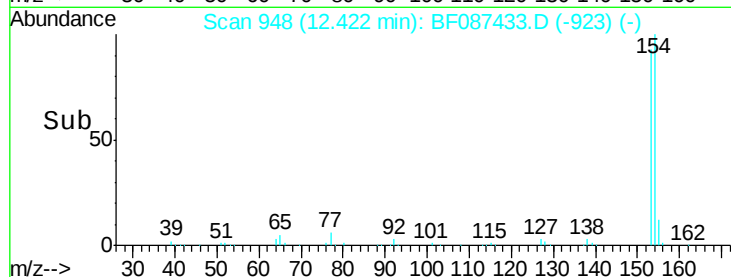
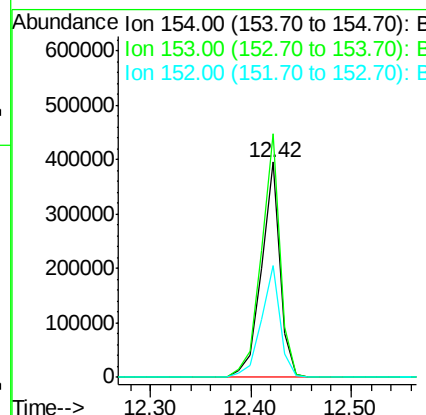
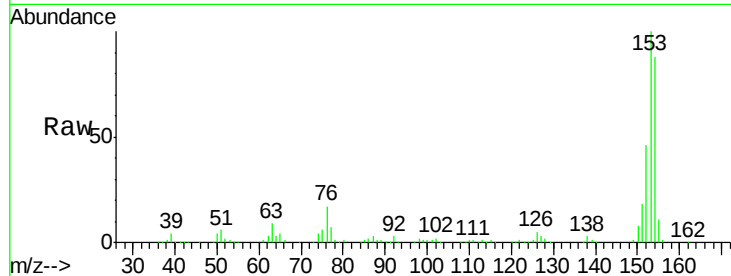
#51
Acenaphthene
Concen: 38.38 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.1	89.8	134.6	
152	52.1	43.4	65.0	

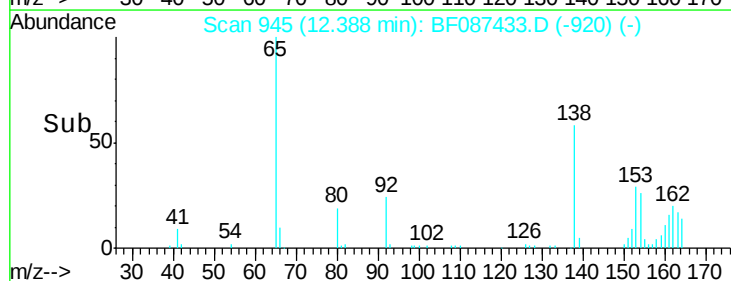
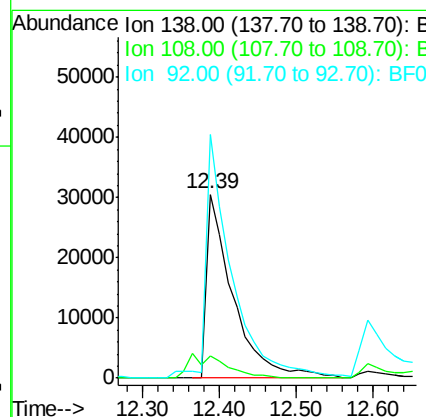
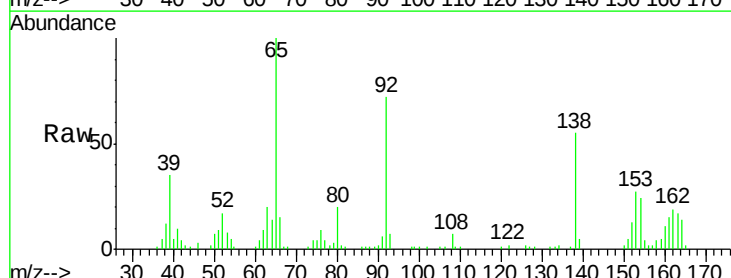
Manual Integrations
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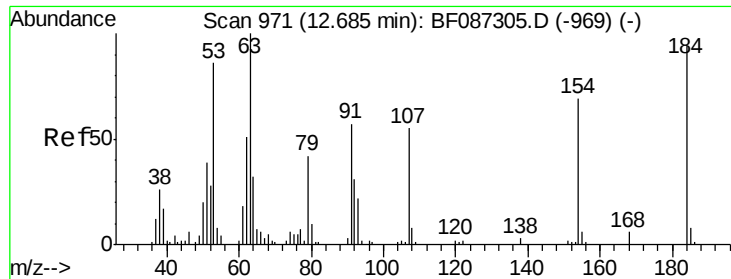
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#52
3-Nitroaniline
Concen: 20.85 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	12.2	7.8	11.6#	
92	132.7	87.8	131.8#	





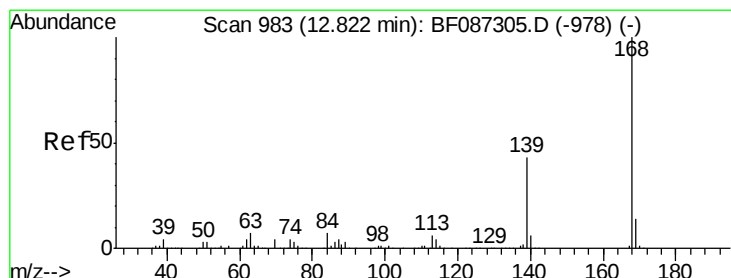
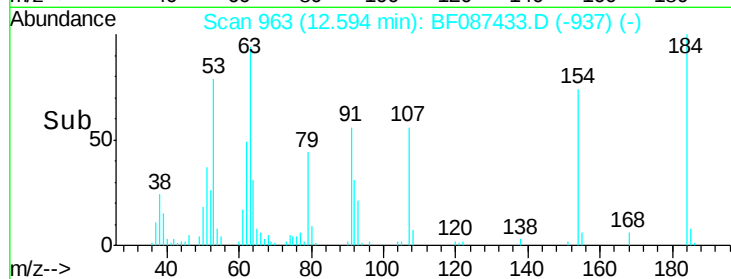
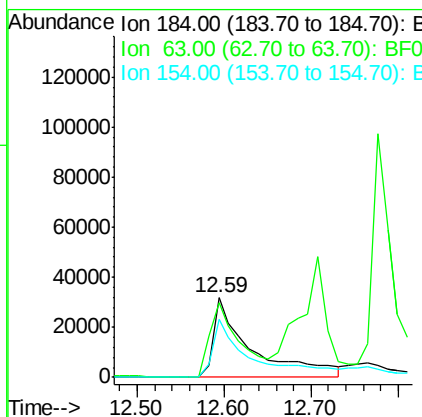
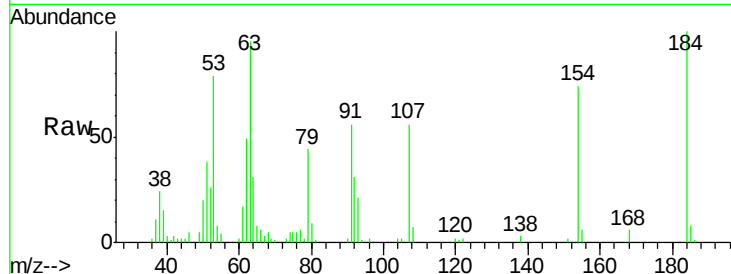
#53
2,4-Dinitrophenol
Concen: 57.42 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	96545		
63	94.8	55.8	83.8#	
154	73.5	62.4	93.6	

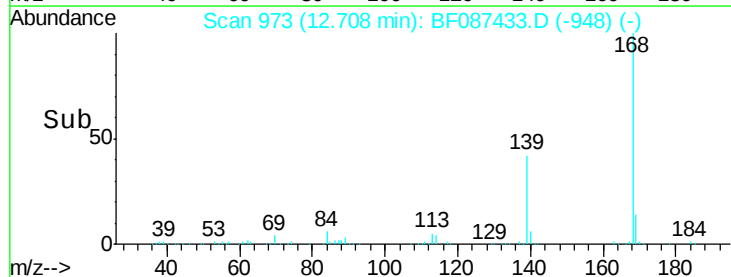
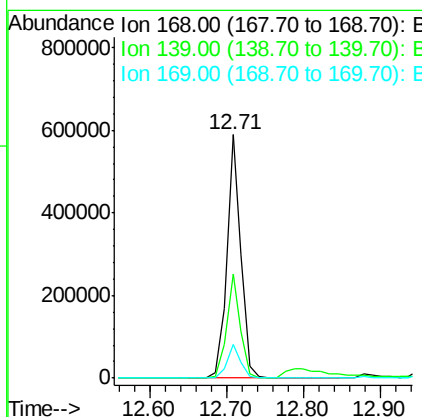
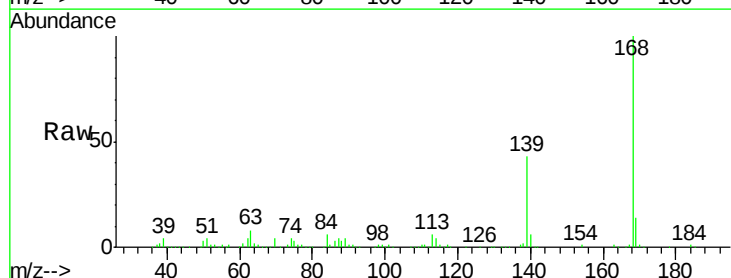
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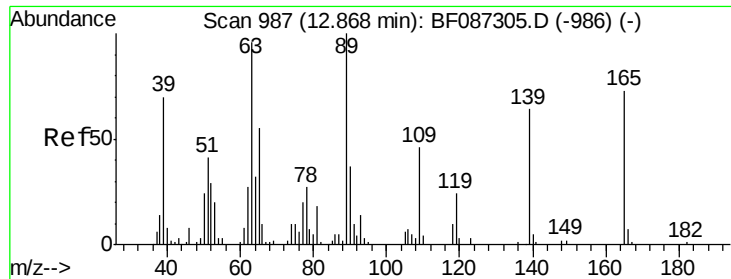
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#54
Dibenzofuran
Concen: 42.33 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	757714		
139	42.7	31.4	47.0	
169	13.7	10.7	16.1	





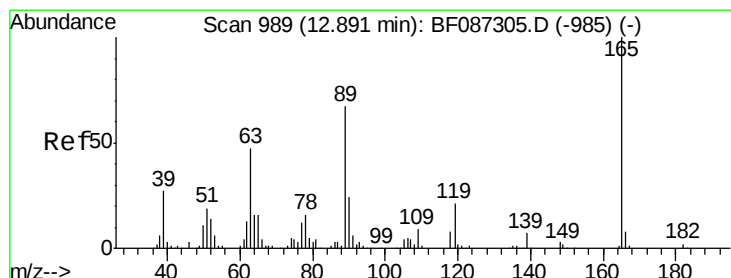
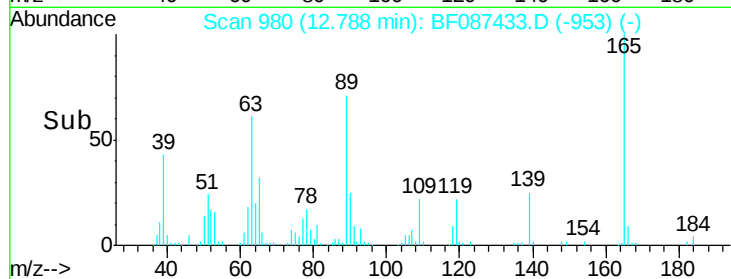
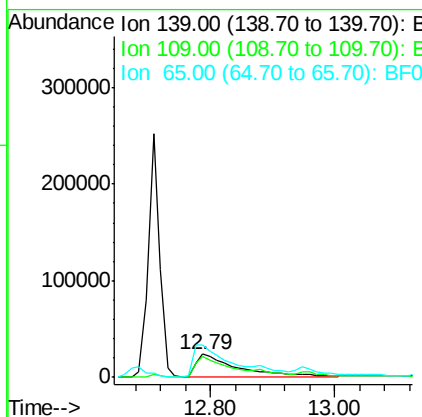
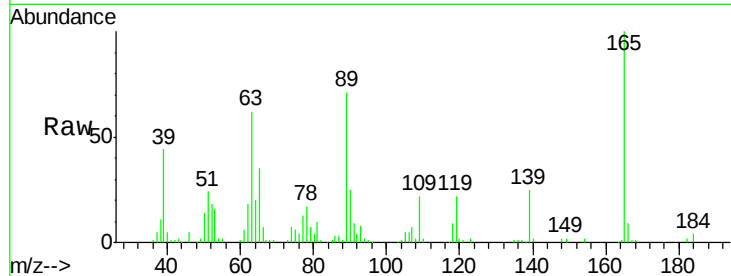
#55
4-Nitrophenol
Concen: 66.91 ng
RT: 12.79 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	88.6	36.9	76.9#	
65	140.7	64.0	104.0#	

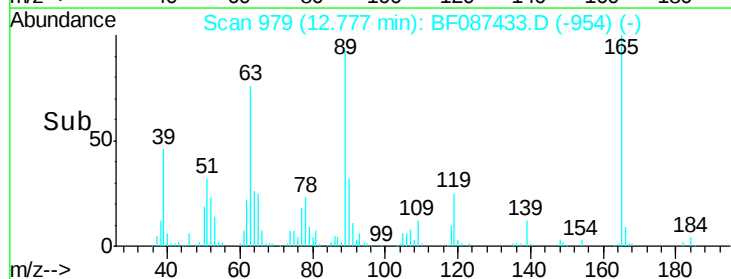
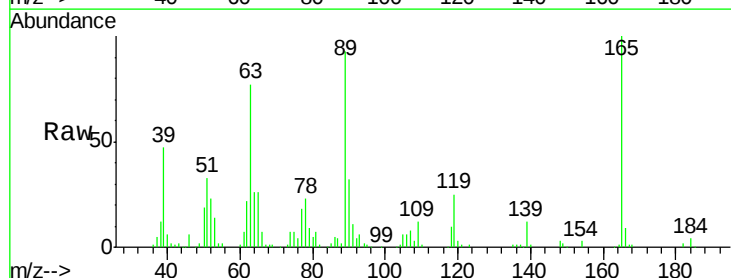
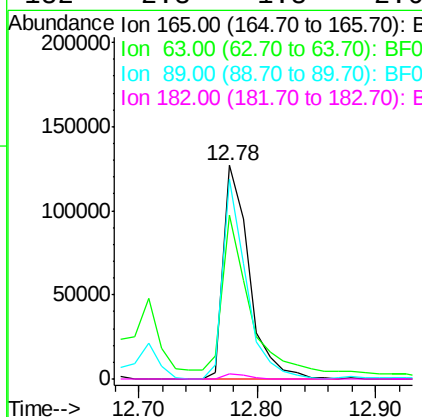
Manual Integrations
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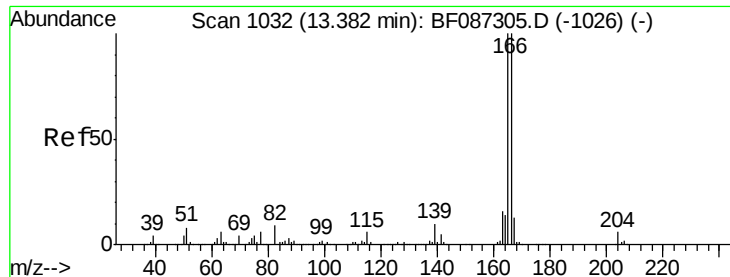
sohil
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#56
2,4-Dinitrotoluene
Concen: 41.72 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	76.6	44.3	66.5#	
89	93.2	70.0	105.0	
182	2.3	1.8	2.6	





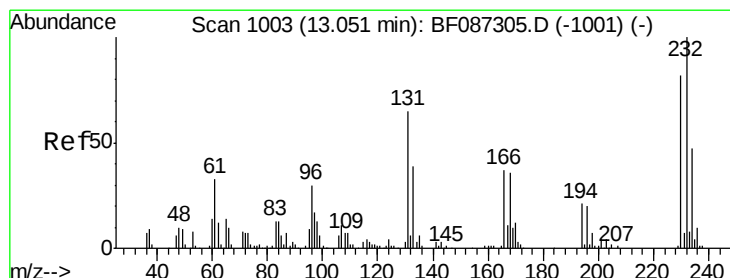
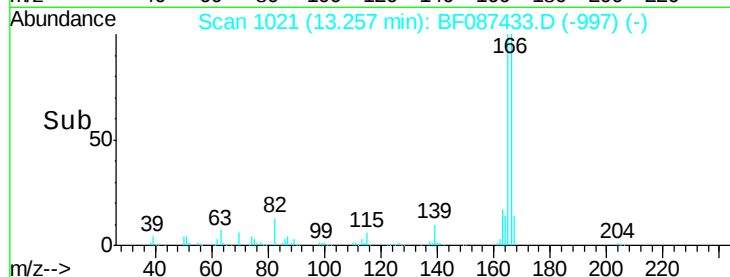
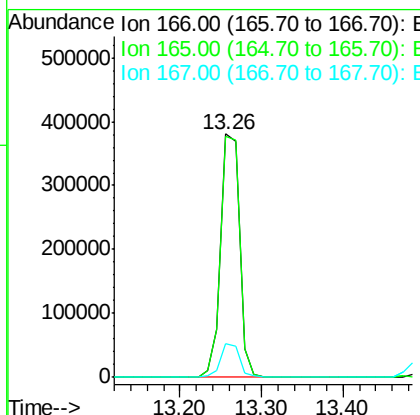
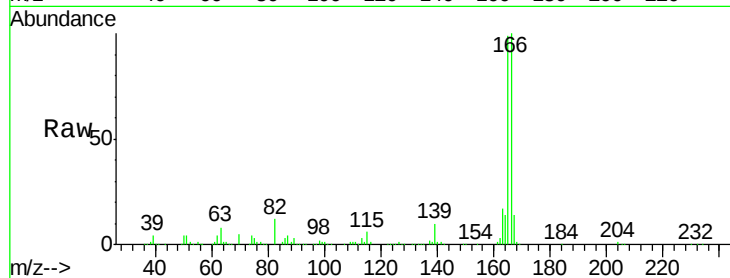
#57
 Fluorene
 Concen: 39.14 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	607515		
165	98.9	79.0	118.6	
167	14.0	10.6	15.8	

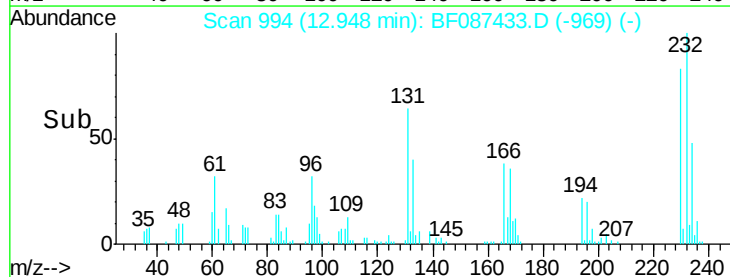
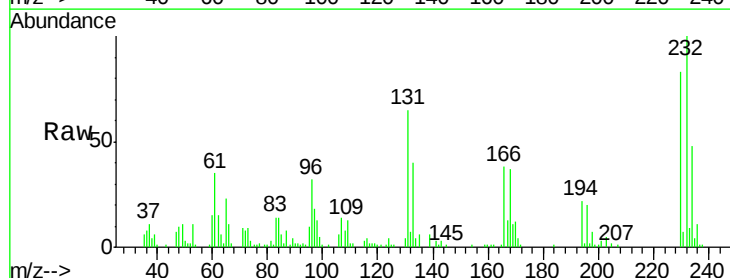
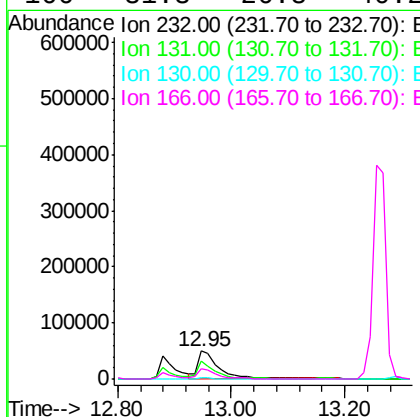
Manual Integrations
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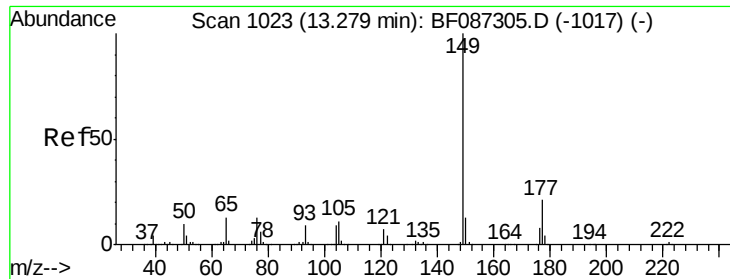
sohil
 5/27/2016 7:38:16 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.91 ng
 RT: 12.95 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	124889		
131	54.6	41.9	62.9	
130	2.9	2.2	3.4	
166	31.3	26.8	40.2	





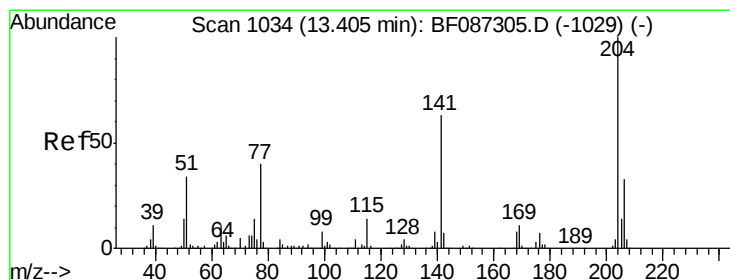
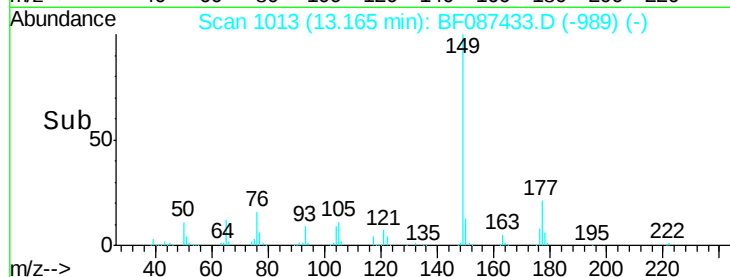
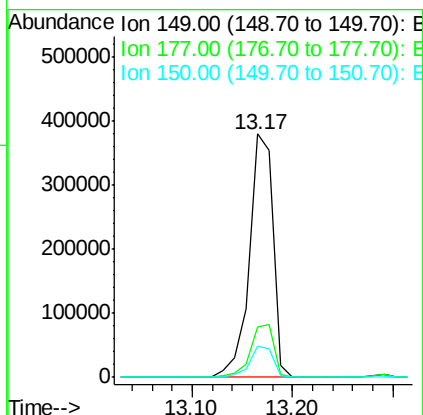
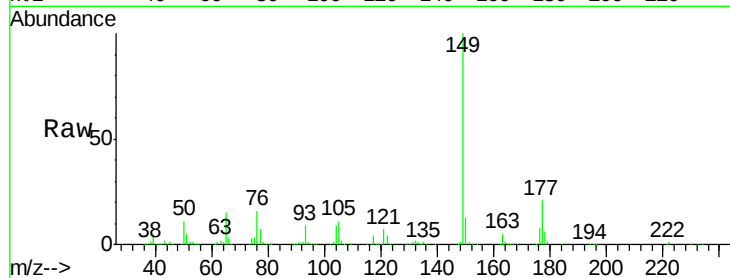
#59
Diethylphthalate
Concen: 37.82 ng
RT: 13.17 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	621253		
177	20.8	16.6	24.8	
150	12.8	10.0	15.0	

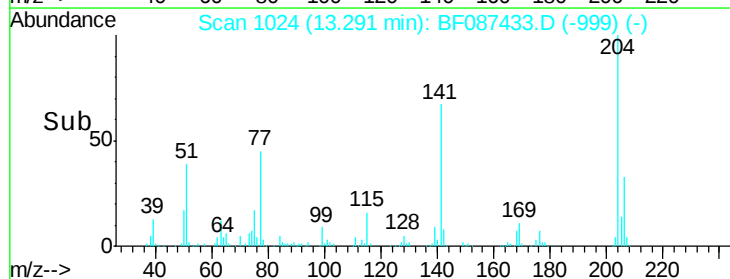
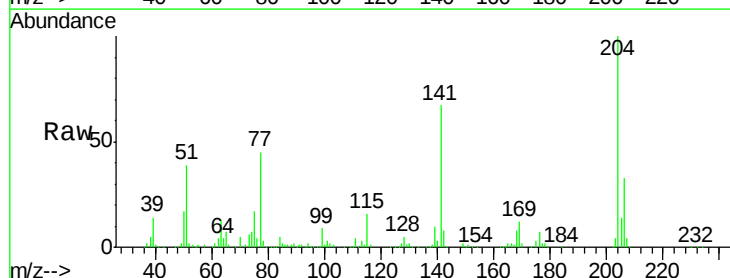
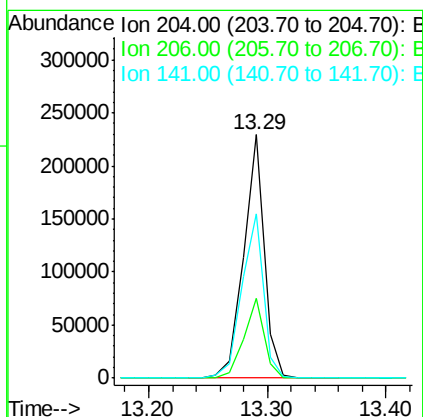
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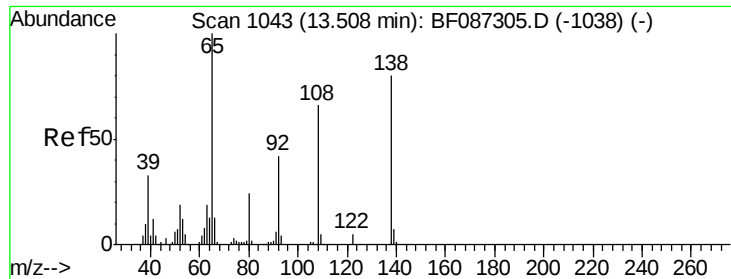
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#60
4-Chlorophenyl-phenylether
Concen: 36.87 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	279031		
206	32.5	25.4	38.0	
141	67.3	61.6	92.4	





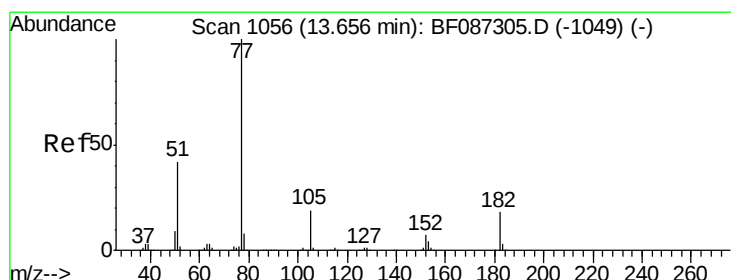
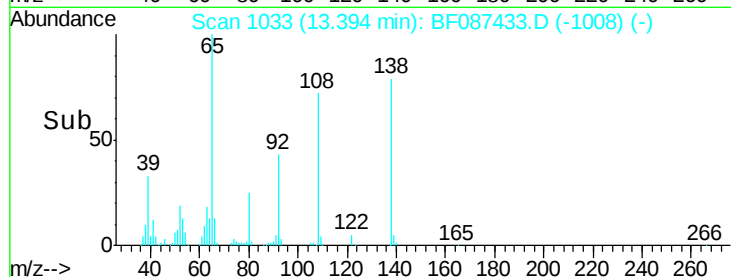
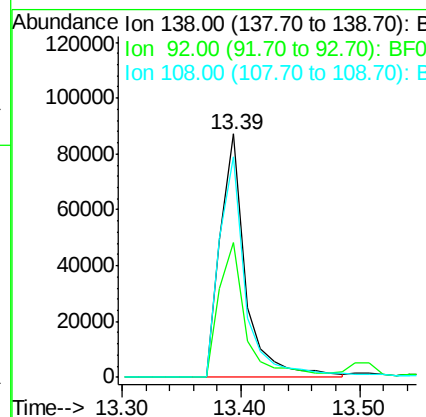
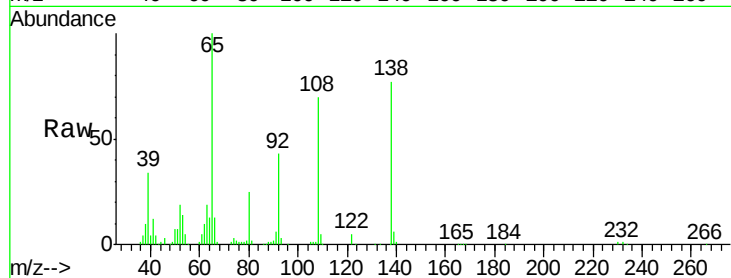
#61
4-Nitroaniline
Concen: 39.61 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.5	24.7	64.7
108	90.8	37.4	77.4

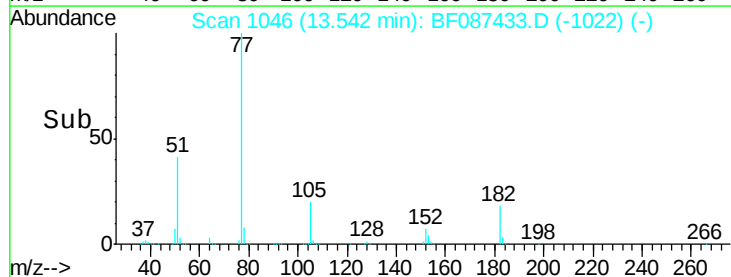
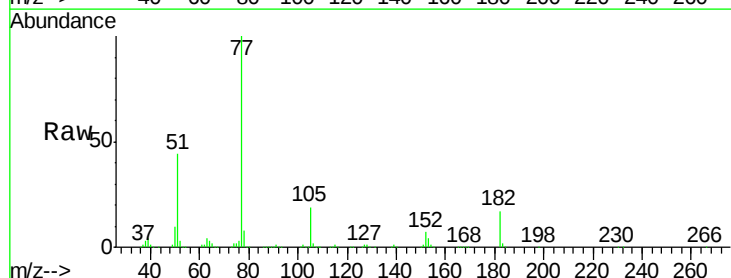
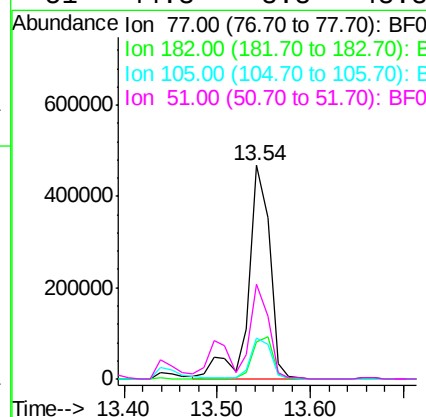
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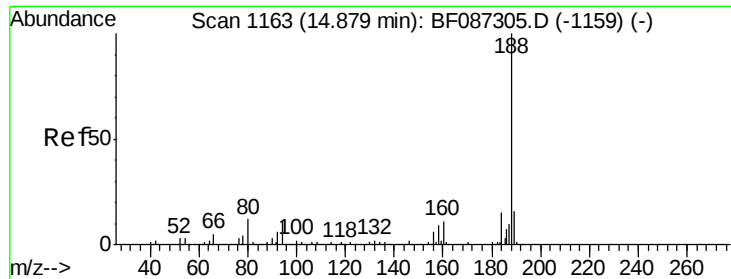
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#62
Azobenzene
Concen: 43.83 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.5	0.0	38.8
105	19.3	3.2	43.2
51	44.3	8.8	48.8





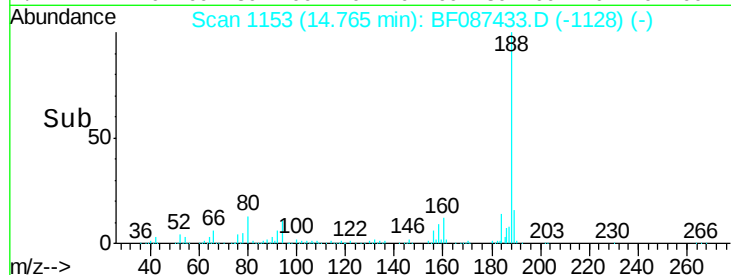
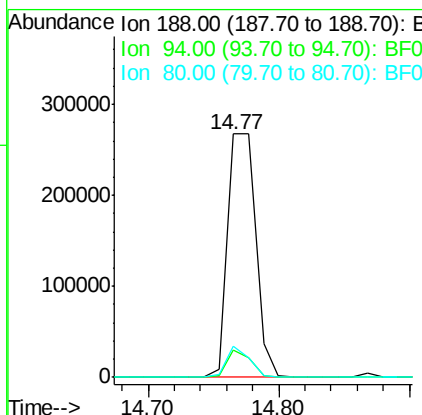
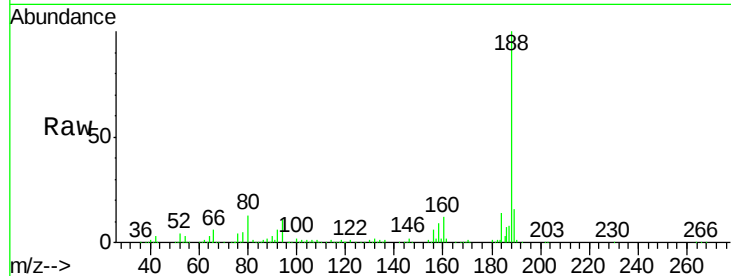
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	402270		
94	11.4	6.8	10.2#	
80	13.0	7.1	10.7#	

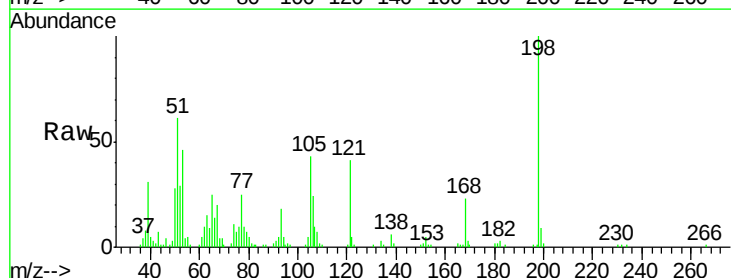
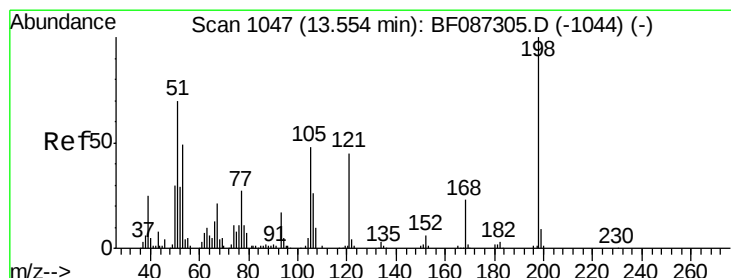
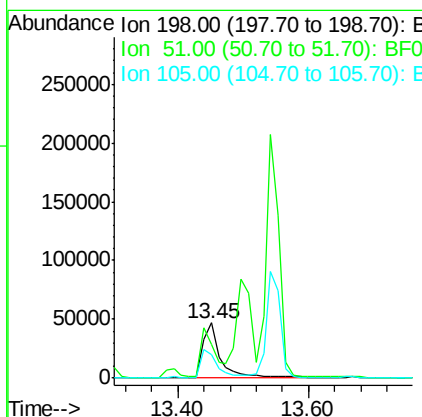
Manual Integrations
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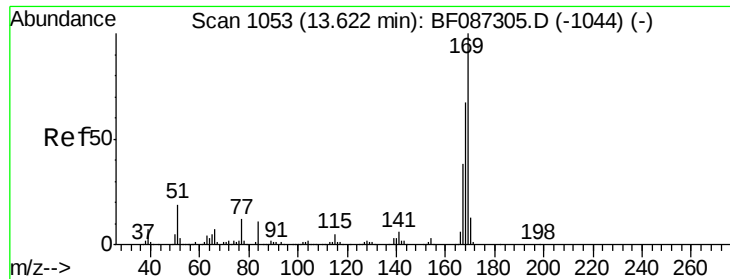
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.64 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91148		
51	60.8	20.5	60.5#	
105	43.4	24.5	64.5	





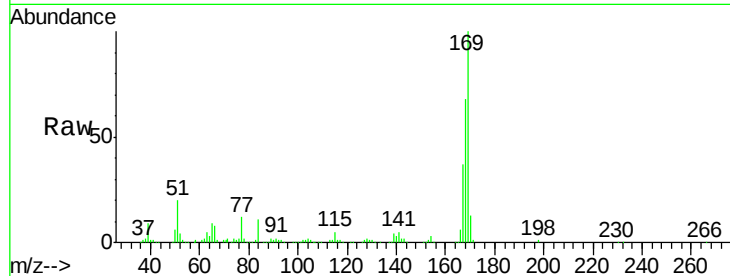
#65
 n-Nitrosodiphenylamine
 Concen: 40.04 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

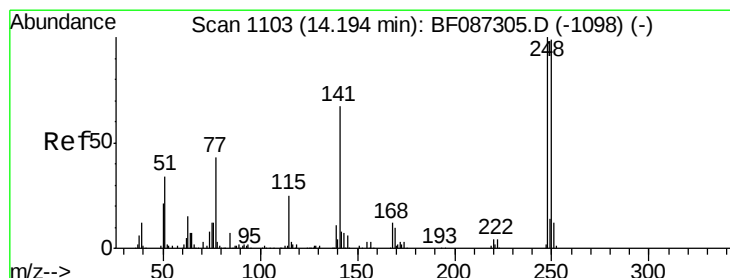
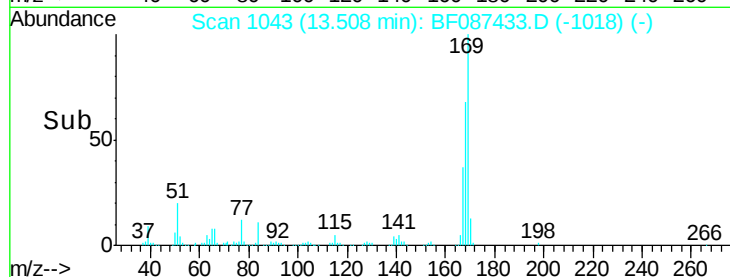
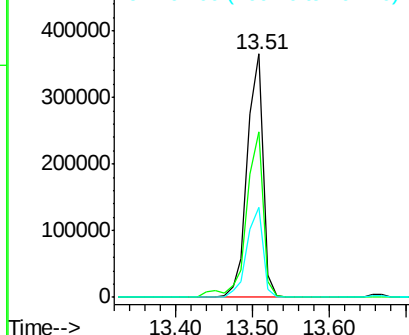
Tot Ion	Ratio	Resp	Lower	Upper
169	100	520925		
168	68.1		53.8	80.6
167	37.1		29.5	44.3

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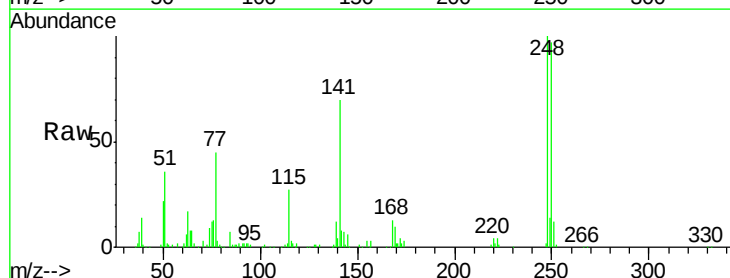


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

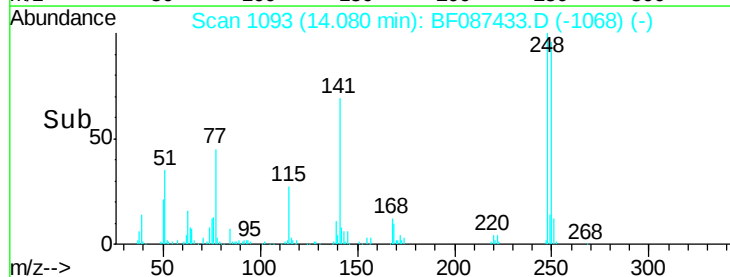
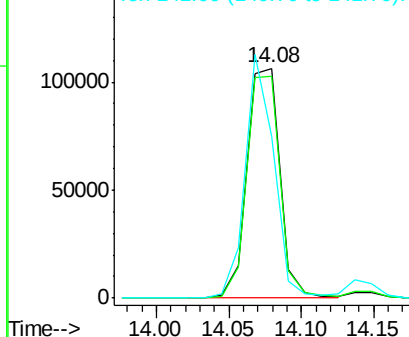


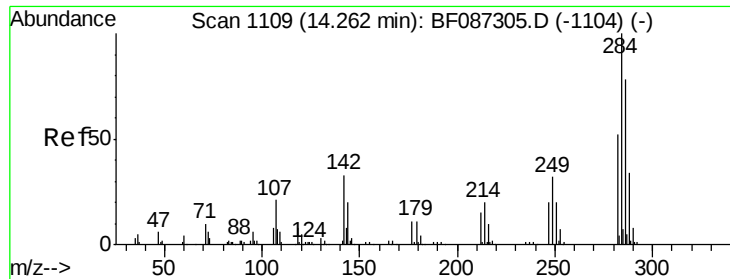
#66
 4-Bromophenyl-phenylether
 Concen: 37.97 ng
 RT: 14.08 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	167113		
250	96.7		78.6	117.8
141	70.1		76.0	114.0#



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





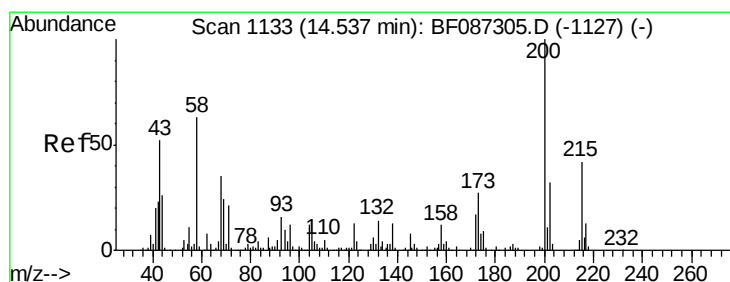
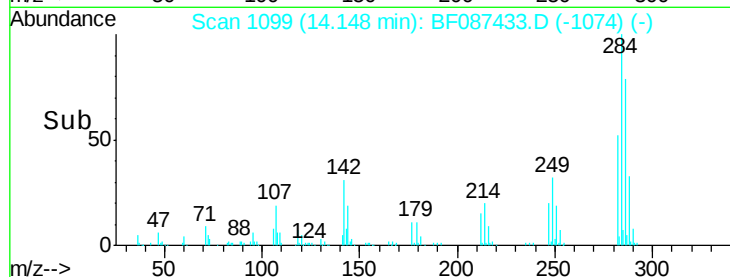
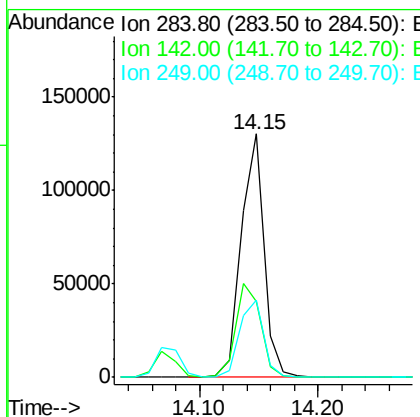
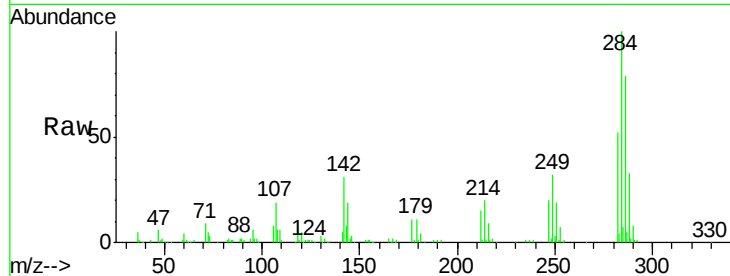
#67
Hexachlorobenzene
Concen: 38.13 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	175495		
142	31.4	16.7	25.1#	
249	31.7	21.3	31.9	

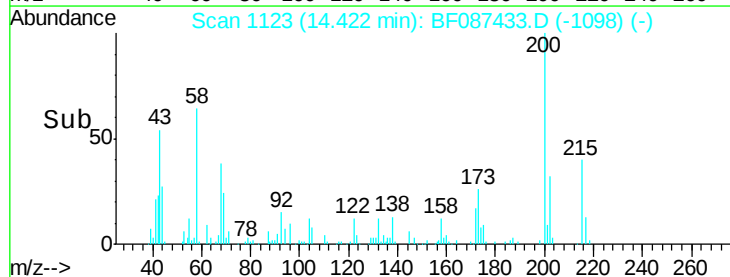
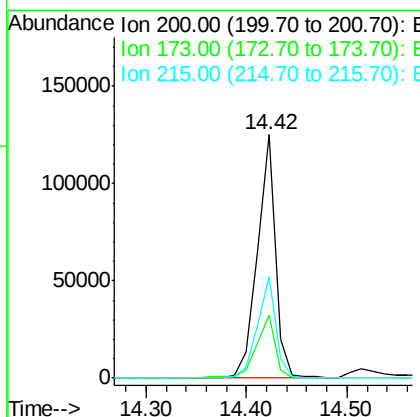
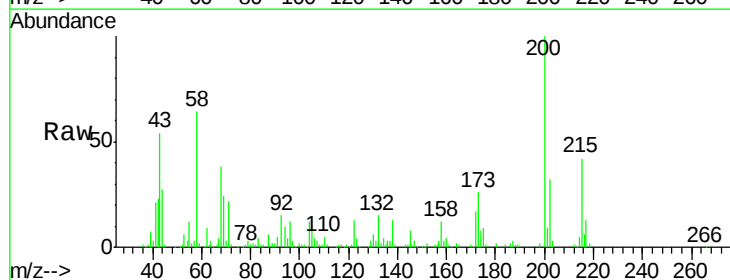
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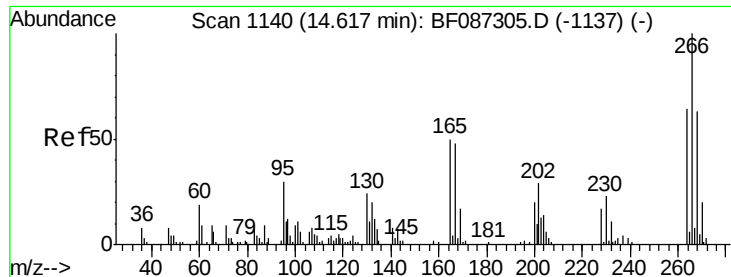
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#68
Atrazine
Concen: 38.06 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	157825		
173	26.0	8.5	48.5	
215	41.8	27.2	67.2	





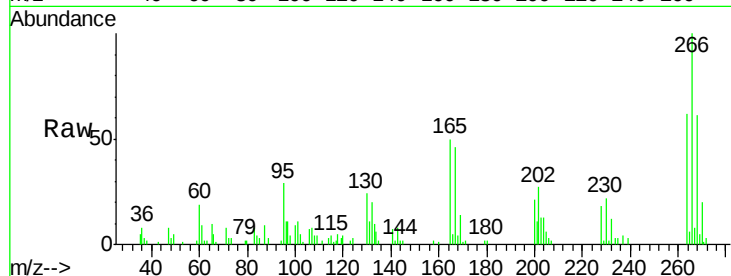
#69
 Pentachlorophenol
 Concen: 54.40 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.9	51.5	77.3
264	62.2	52.9	79.3

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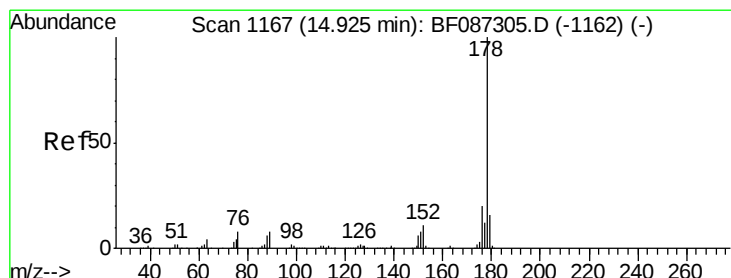
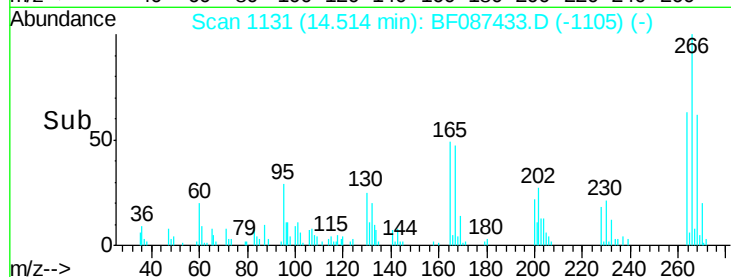
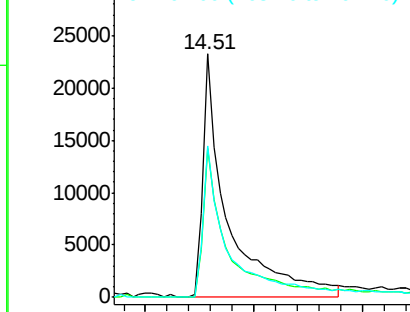


Abundance

Ion 265.70 (265.40 to 266.40): E

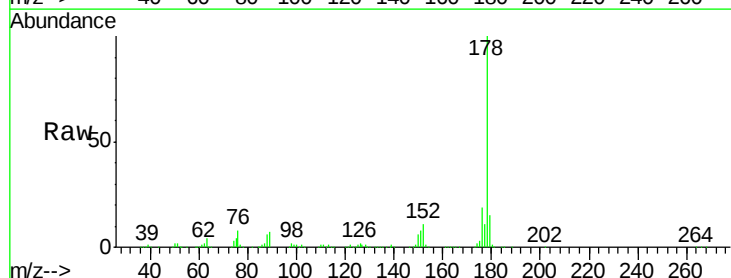
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.83 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.0	12.6	18.8

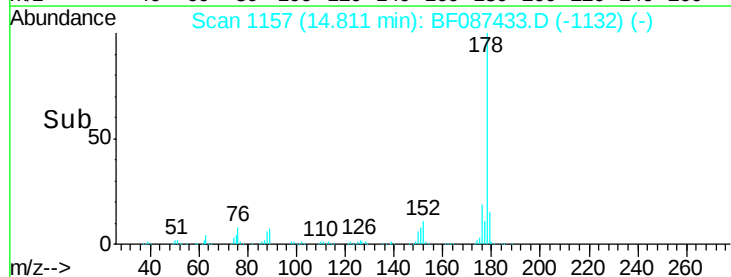
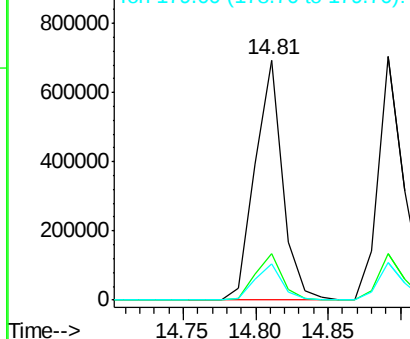


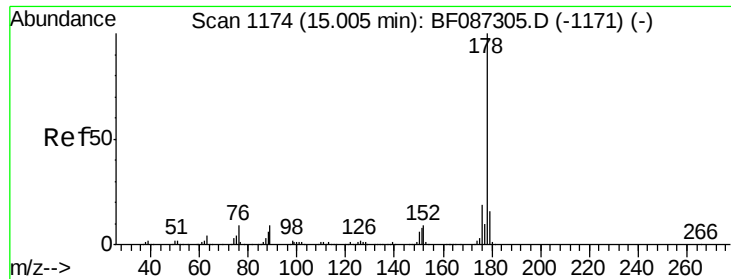
Abundance

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





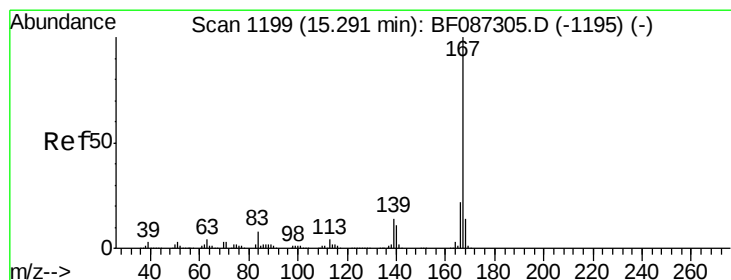
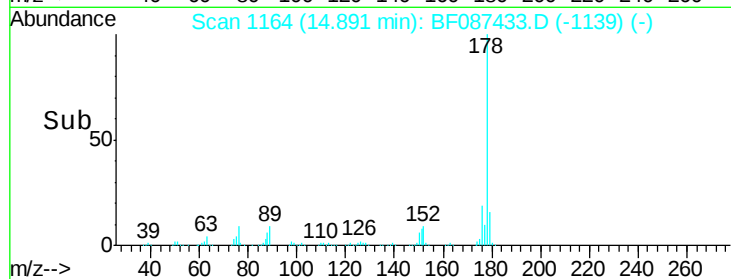
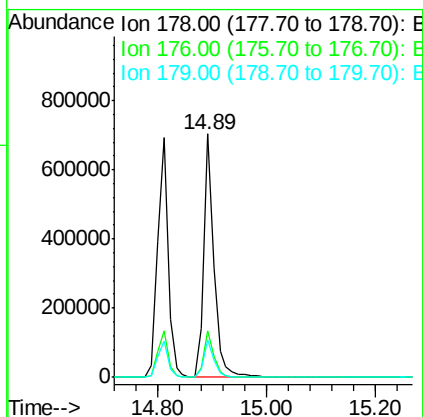
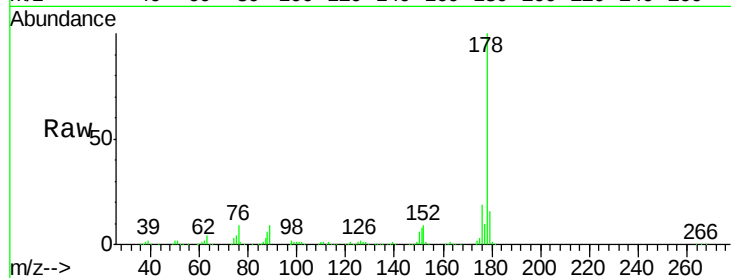
#71
 Anthracene
 Concen: 40.15 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.6	12.7	19.1

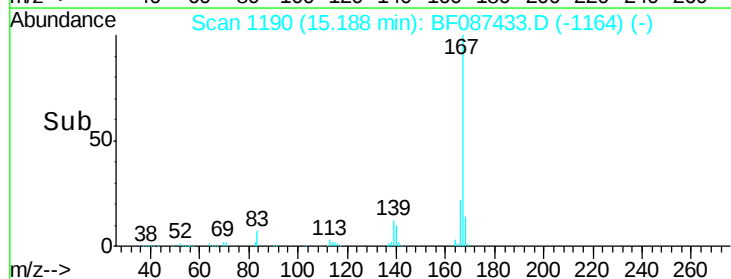
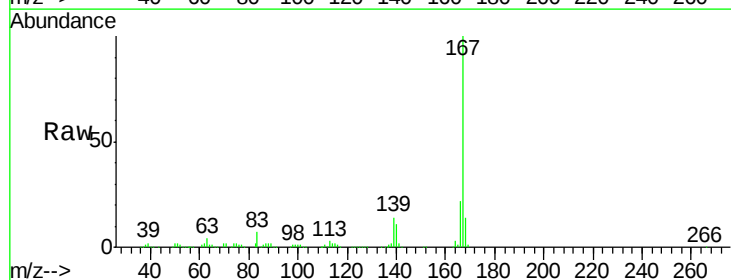
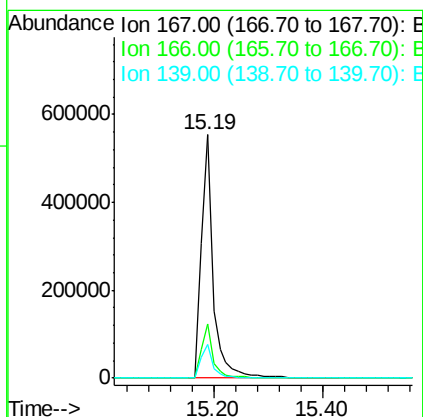
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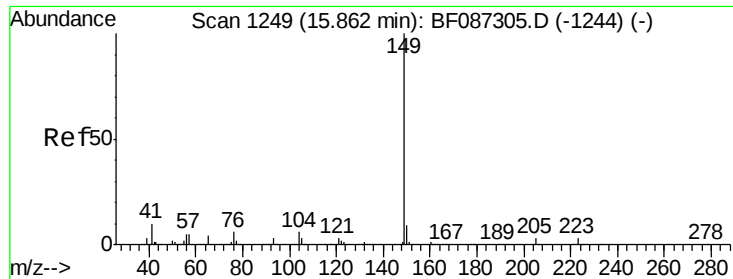
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#72
 Carbazole
 Concen: 43.09 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	13.9	10.8	16.2





#73

Di-n-butylphthalate

Concen: 37.96 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Instrument :

BNA_F

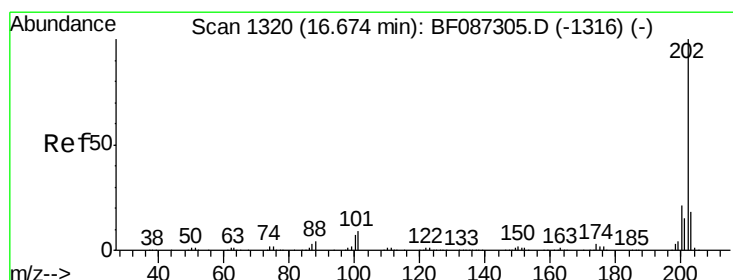
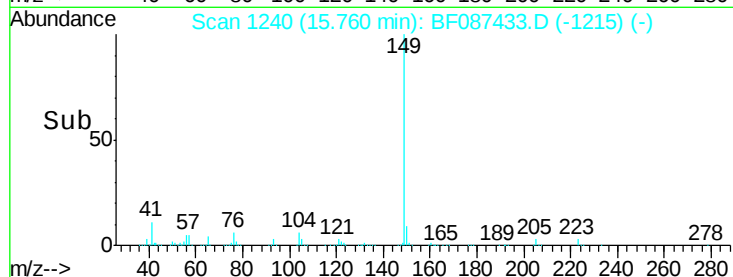
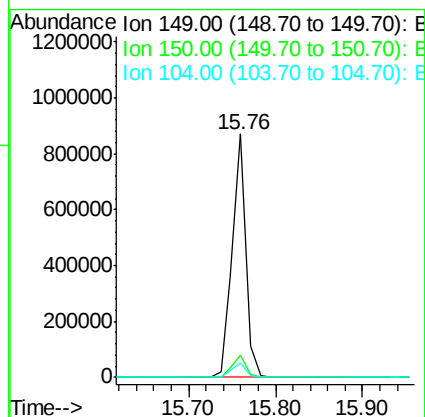
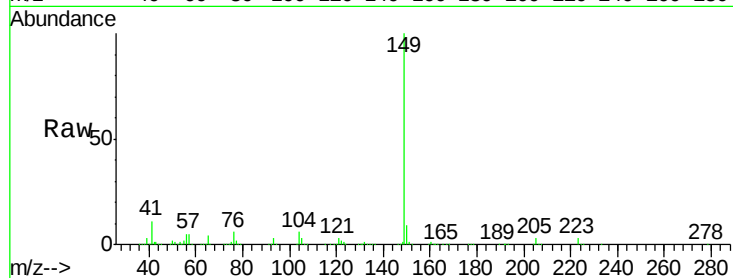
ClientSampleId :

PB90847BS

Tot Ion:	149	Resp:	942532
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.6	11.4
104	5.7	3.8	5.6#

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#74

Fluoranthene

Concen: 42.25 ng

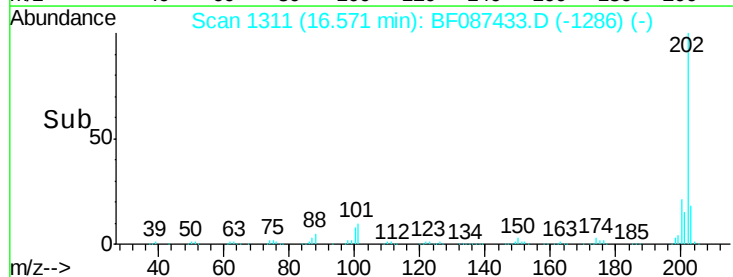
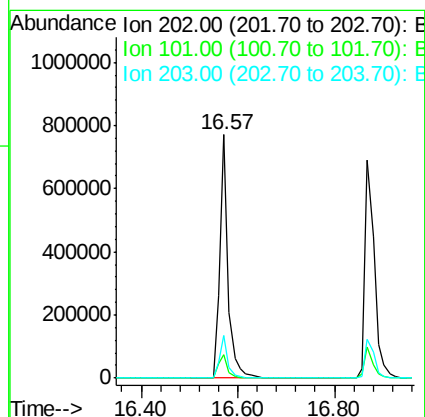
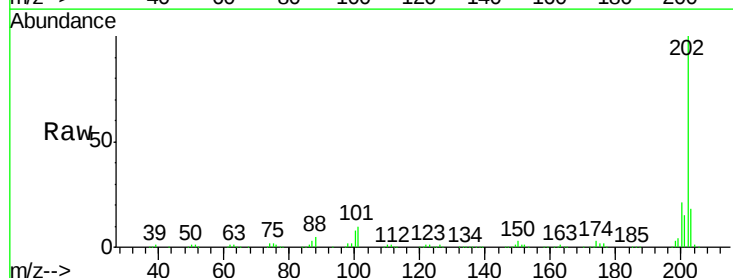
RT: 16.57 min Scan# 1311

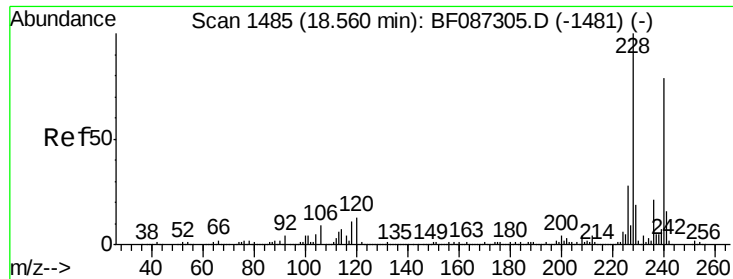
Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Tgt Ion:	202	Resp:	944094
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	35.4
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Instrument :

BNA_F

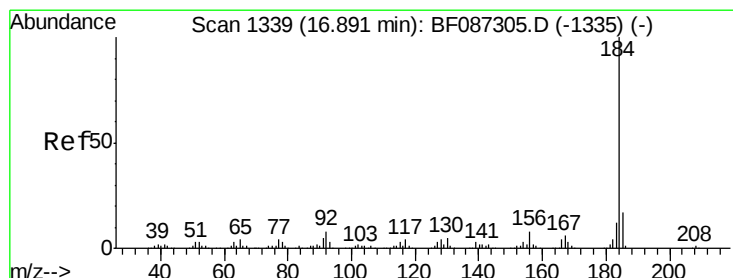
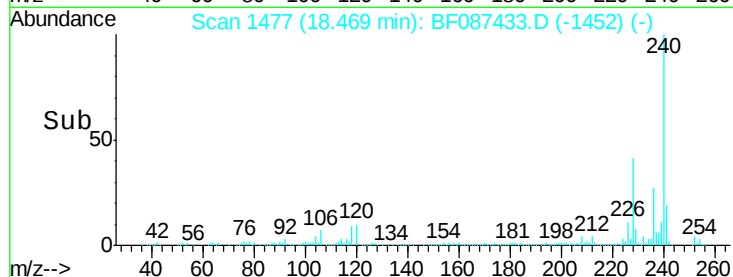
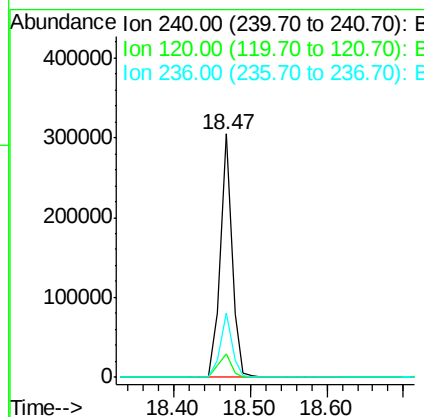
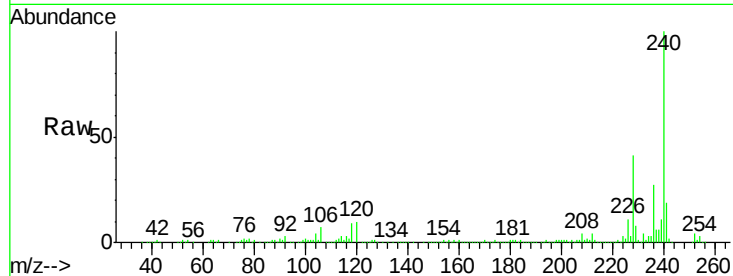
ClientSampleId :

PB90847BS

Tot Ion:	240	Resp:	328372
Ion Ratio		Lower	Upper
240	100		
120	9.8	11.2	16.8#
236	26.6	21.2	31.8

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#76

Benzidine

Concen: 24.31 ng

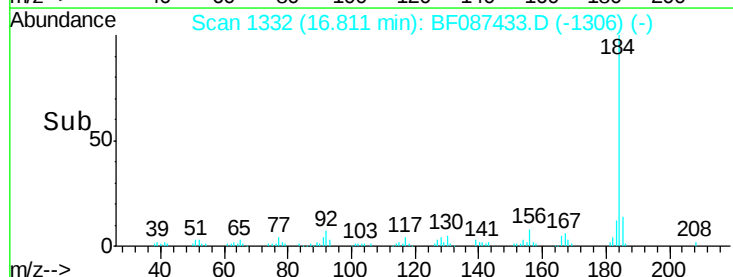
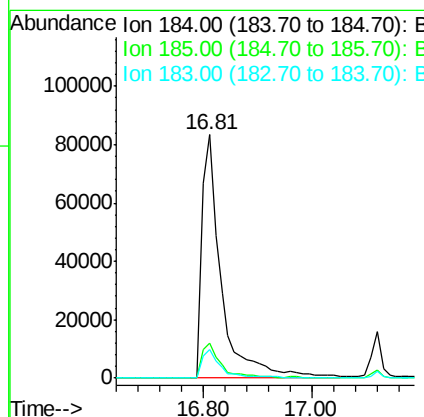
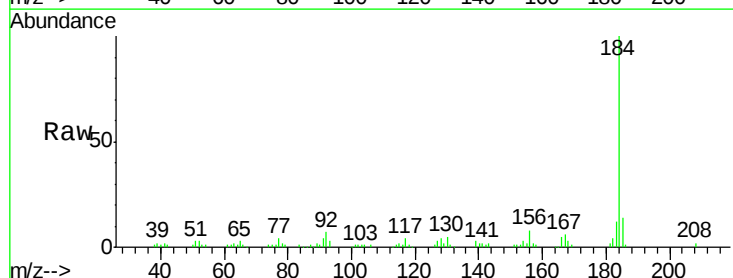
RT: 16.81 min Scan# 1332

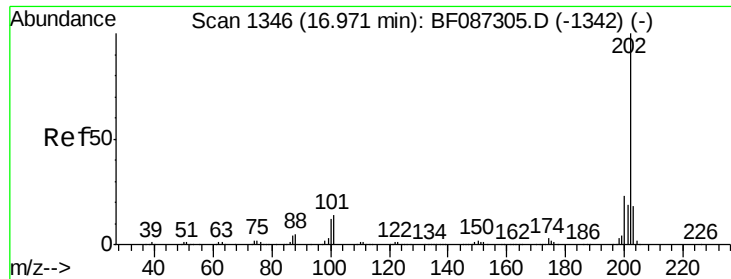
Delta R.T. 0.00 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Tgt Ion:	184	Resp:	205417
Ion Ratio		Lower	Upper
184	100		
185	14.4	13.6	20.4
183	11.8	9.8	14.6





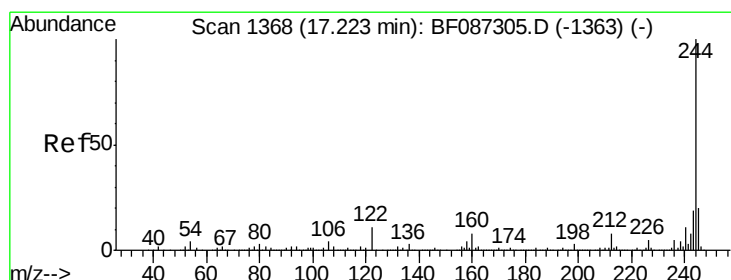
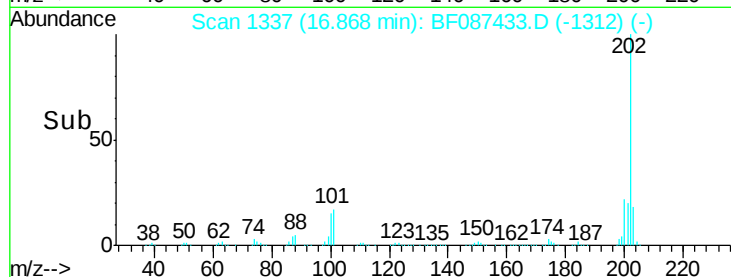
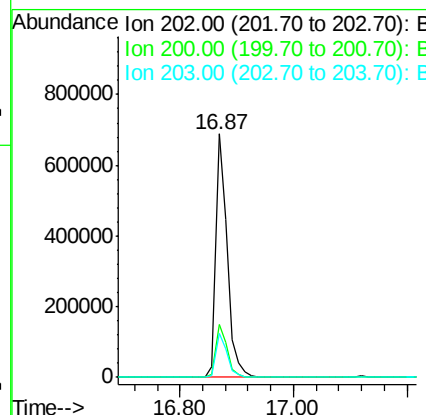
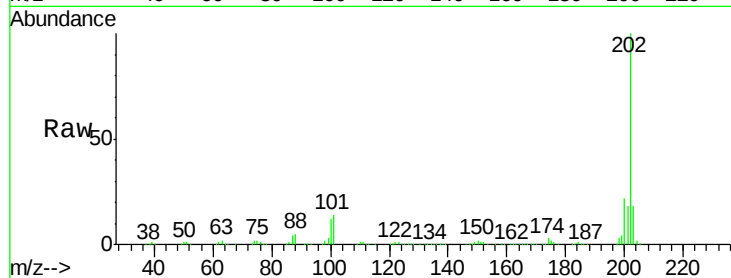
#77
Pvrene
Concen: 39.12 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.9	14.2	21.4

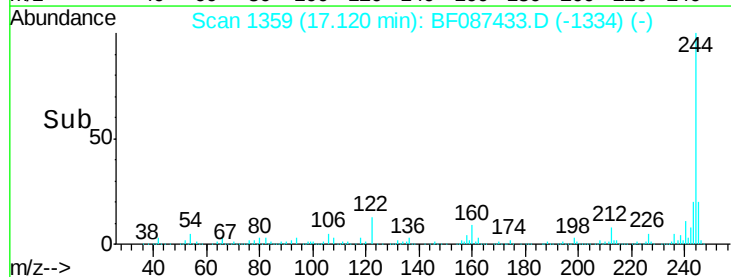
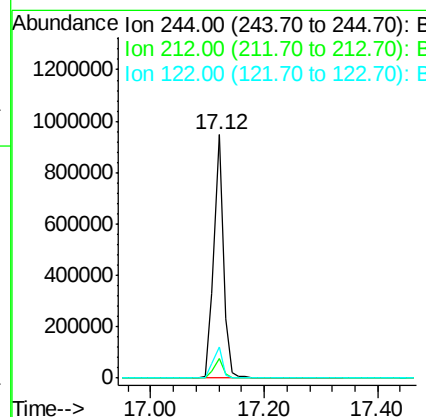
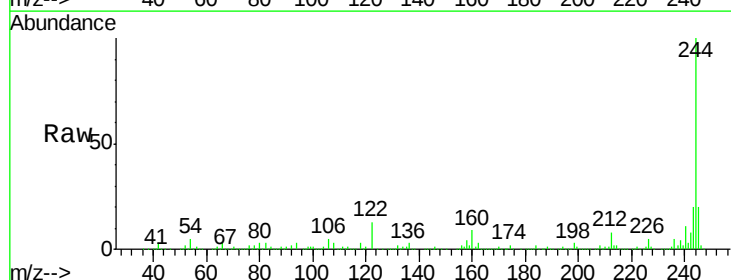
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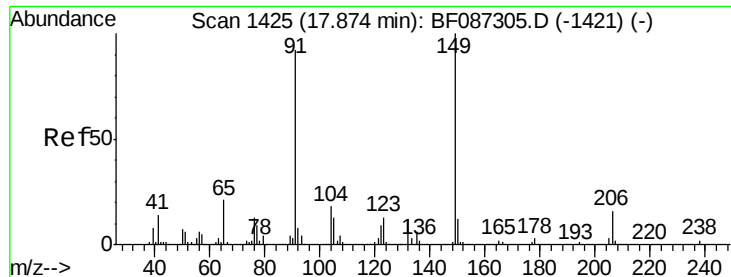
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#78
Terphenyl-d14
Concen: 69.35 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.7	12.0	18.0





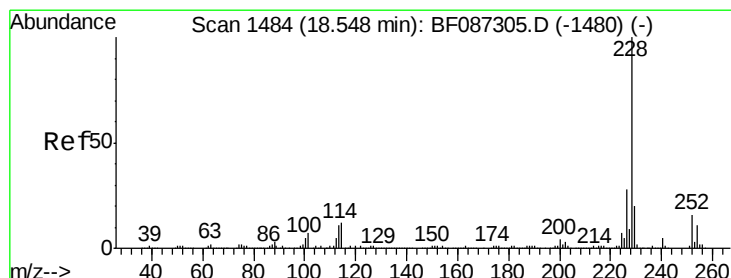
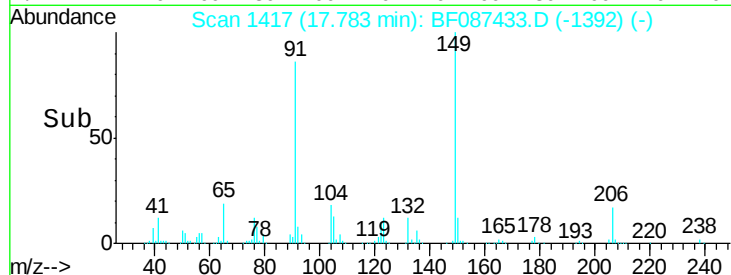
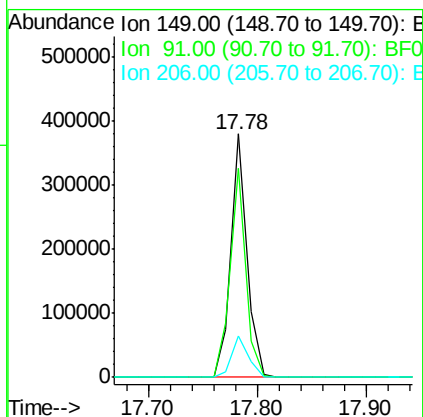
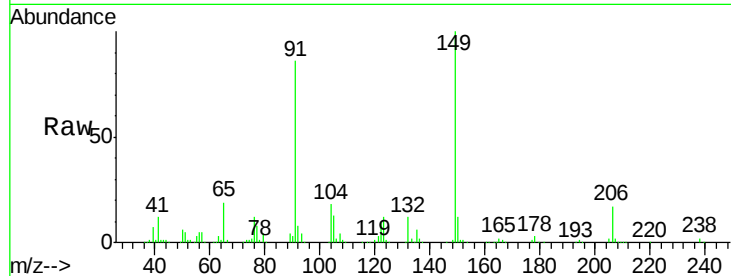
#79
Butylbenzylphthalate
Concen: 36.90 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampled :
PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	386766		
91	86.0	48.0	72.0#	
206	16.9	15.8	23.6	

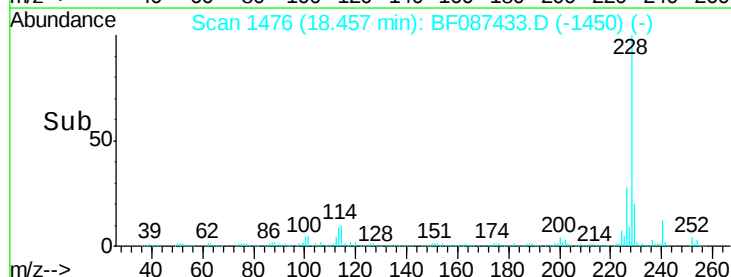
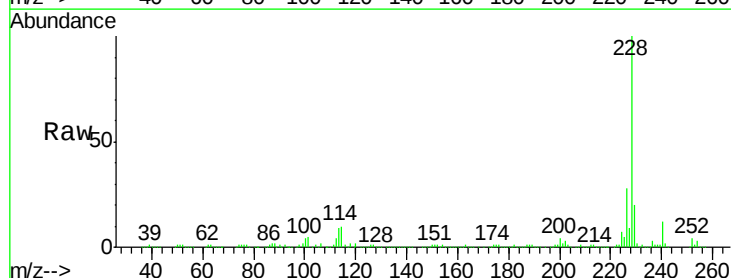
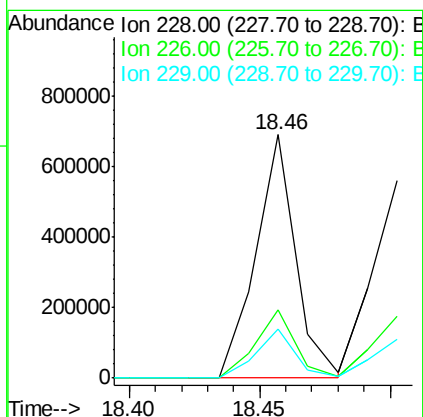
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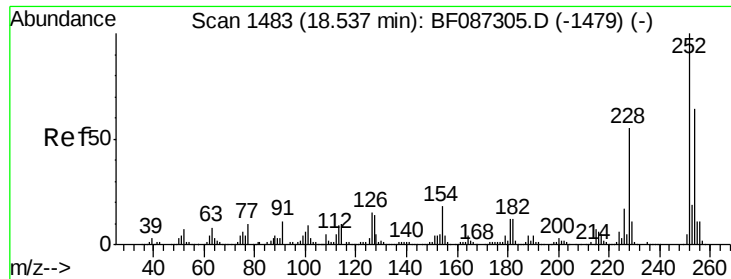
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#80
Benzo(a)anthracene
Concen: 39.45 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	736911		
226	28.0	22.5	33.7	
229	20.0	16.6	25.0	





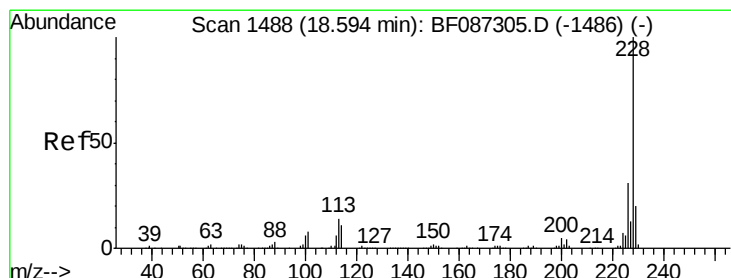
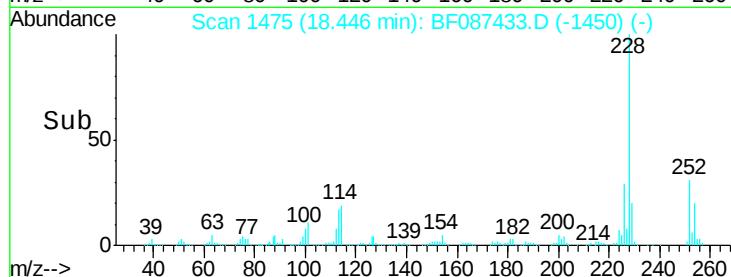
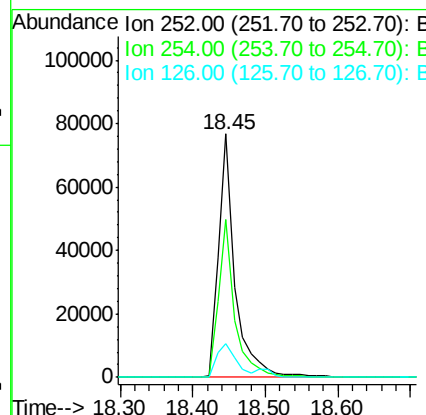
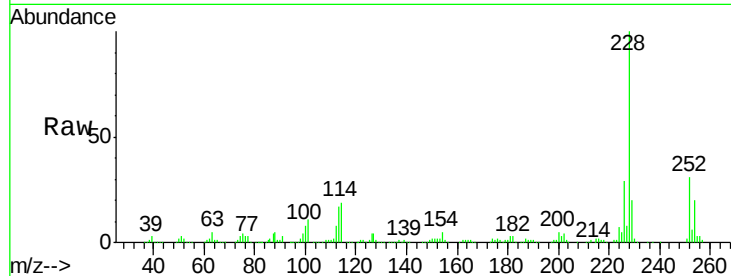
#81
 3,3'-Dichlorobenzidine
 Concen: 11.76 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampled :
 PB90847BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	121348		
254	65.0	50.7	76.1	
126	13.7	12.7	19.1	

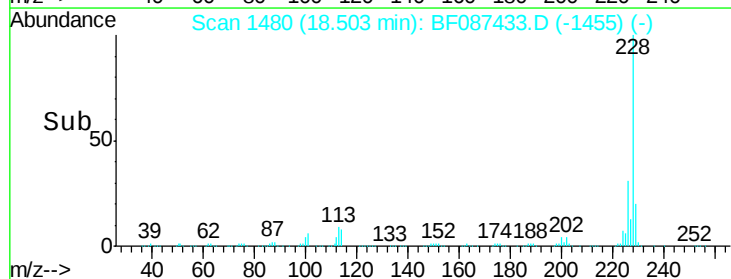
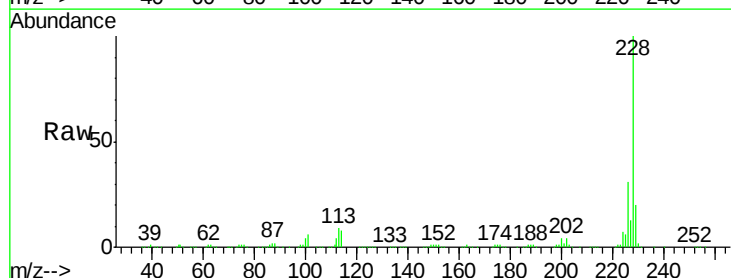
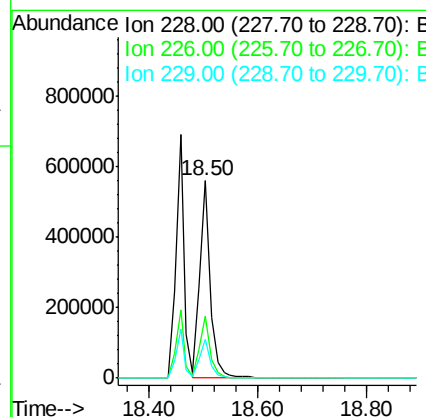
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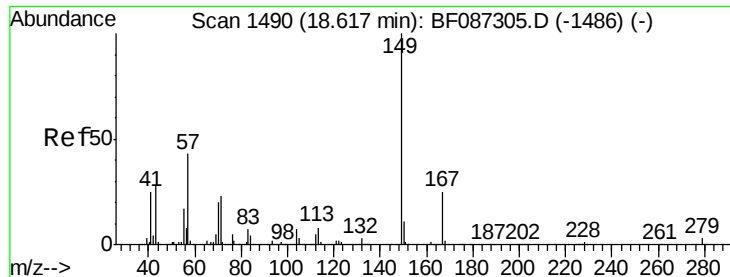
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#82
 Chrysene
 Concen: 39.87 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	739057		
226	31.3	24.4	36.6	
229	19.8	15.8	23.8	





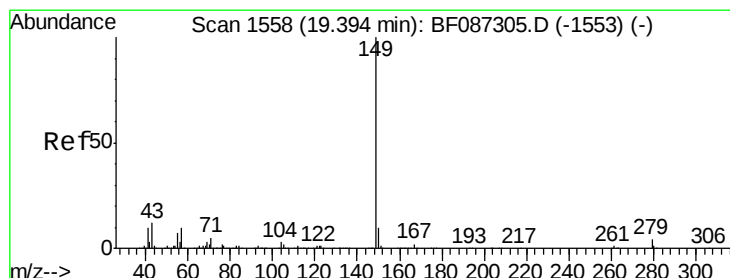
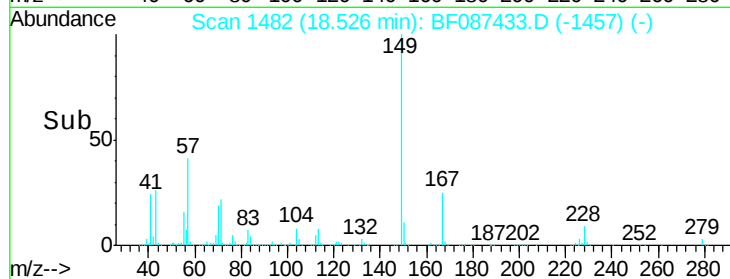
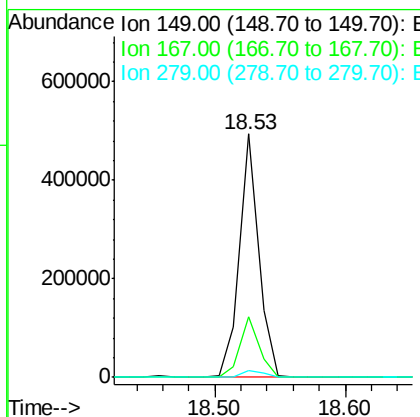
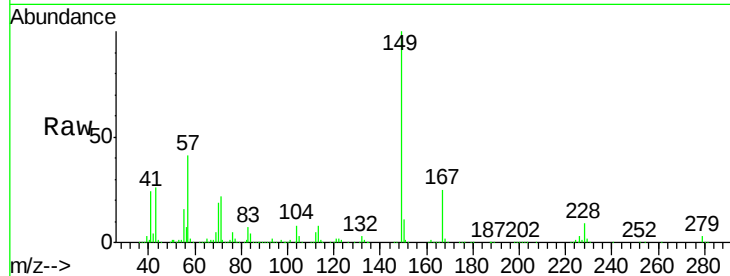
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.28 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	24.9	21.8	32.6
279	2.7	2.6	4.0

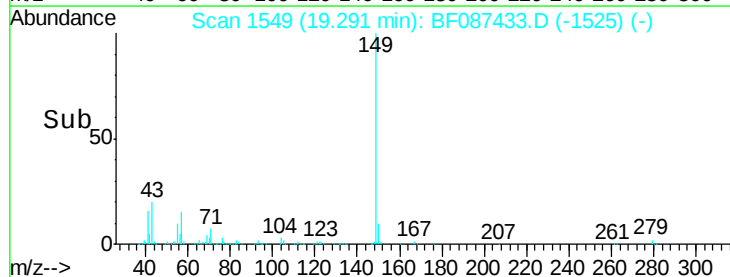
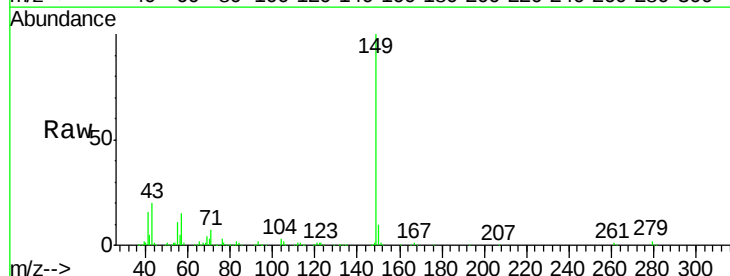
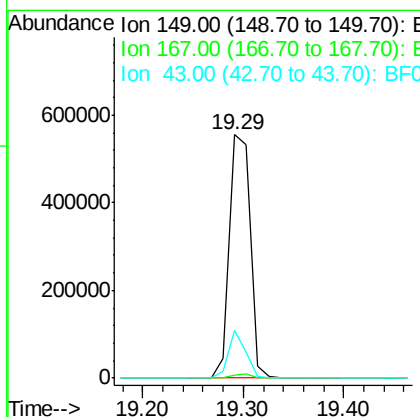
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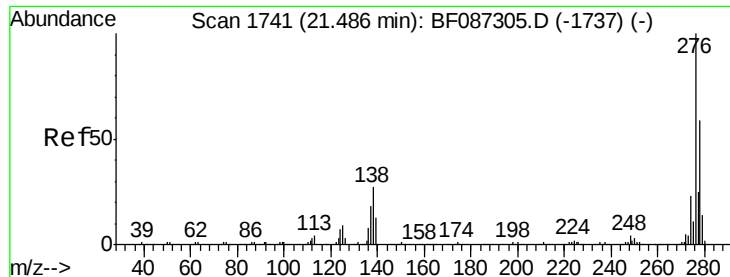
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#84
 Di-n-octyl phthalate
 Concen: 34.27 ng
 RT: 19.29 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	15.9	8.2	12.4#





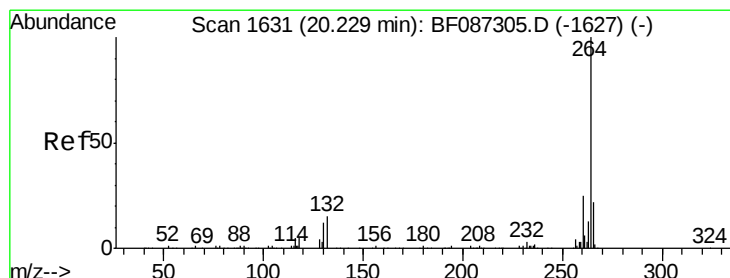
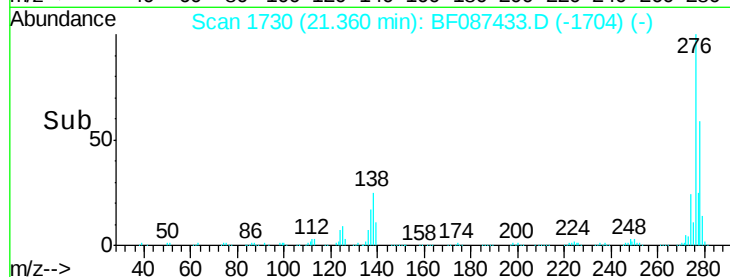
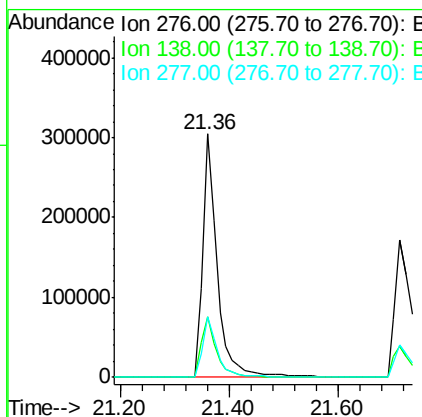
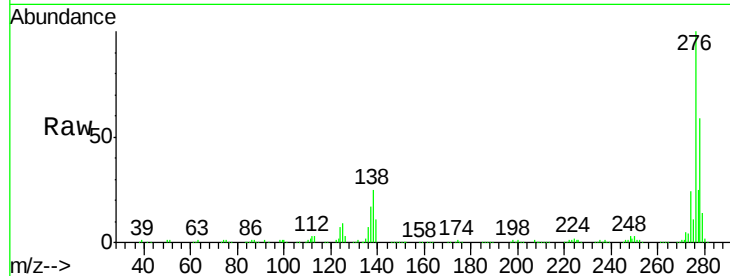
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.75 ng
 RT: 21.36 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.6	38.4
277	25.5	20.5	30.7

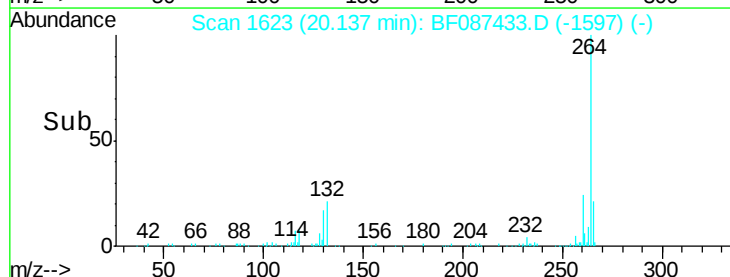
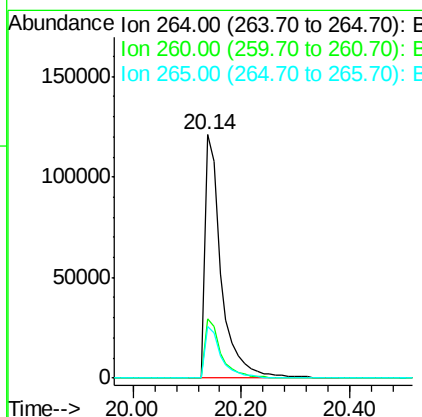
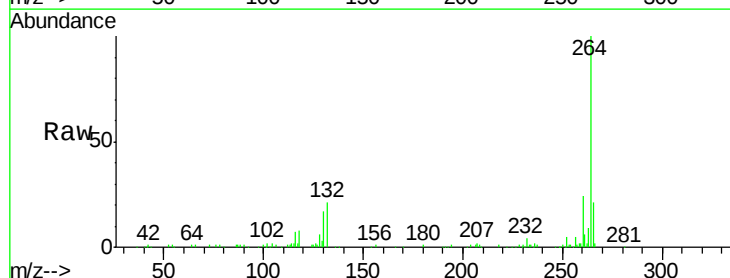
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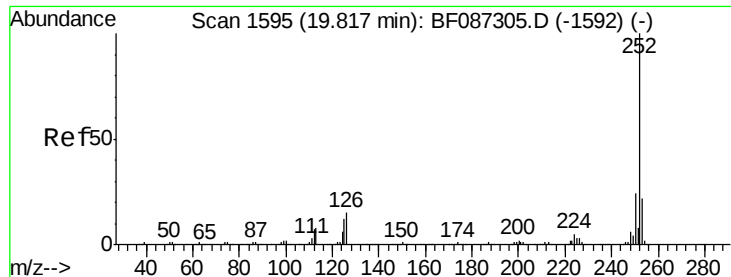
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.69 ng

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

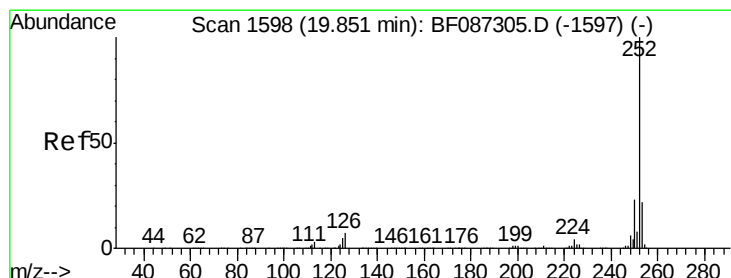
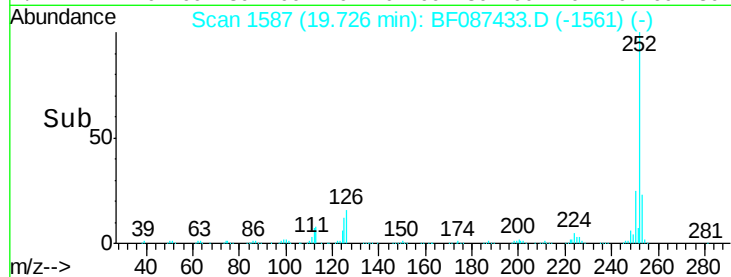
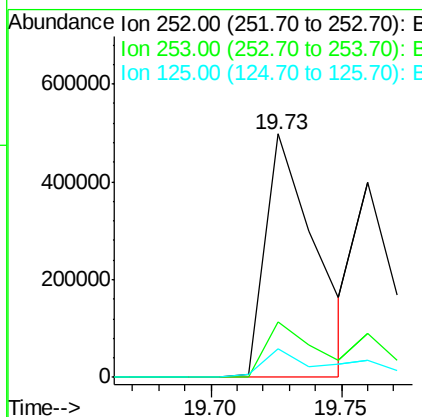
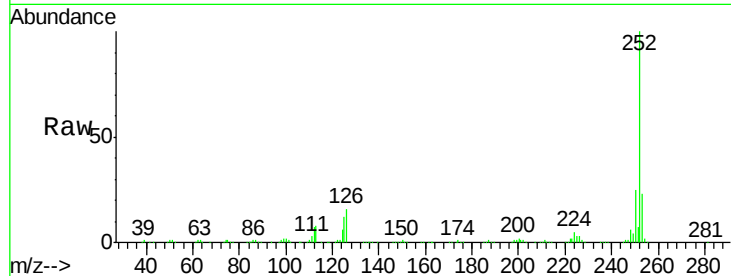
Instrument :
BNA_F

ClientSampleId :
PB90847BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.8	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 38.22 ng m

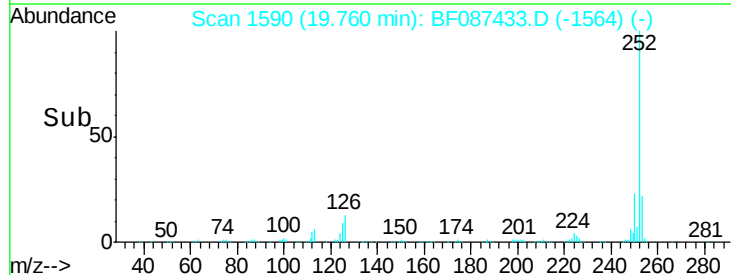
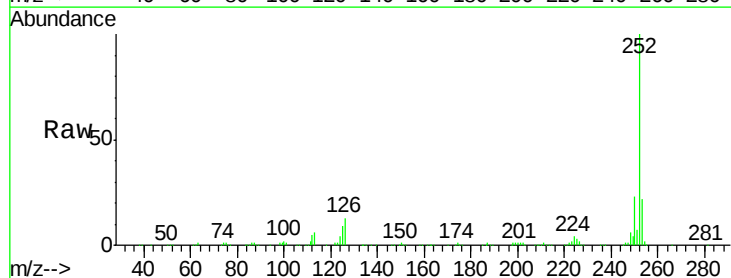
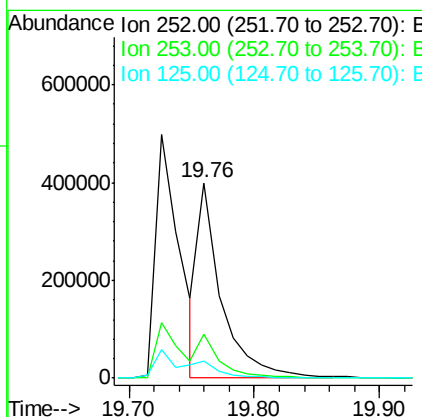
RT: 19.76 min Scan# 1590

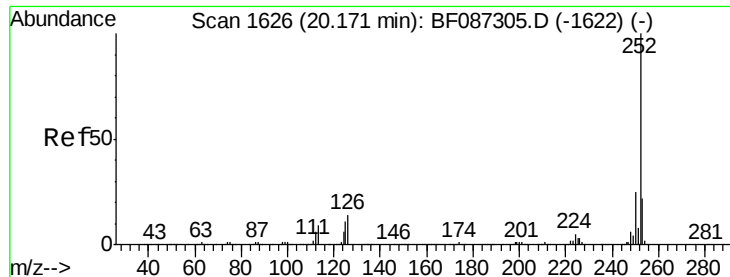
Delta R.T. 0.00 min

Lab File: BF087433.D

Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.0	9.1	13.7#





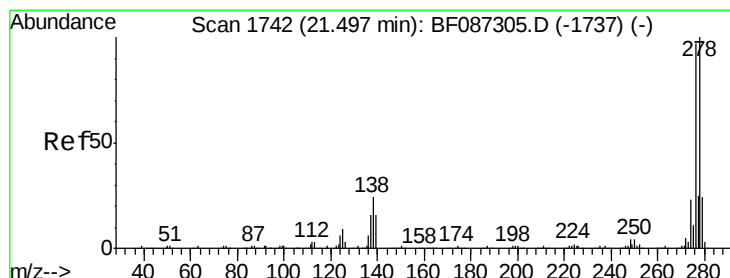
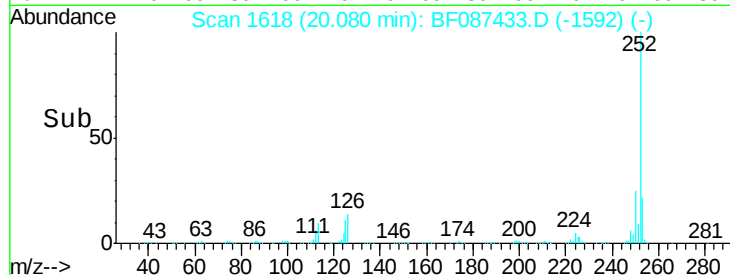
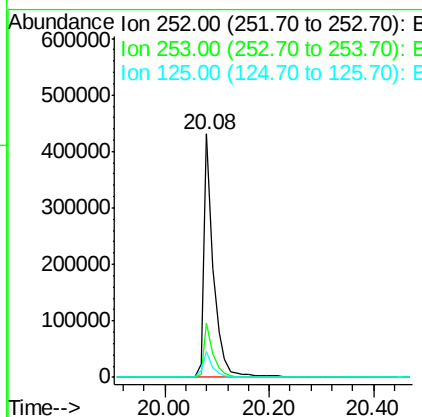
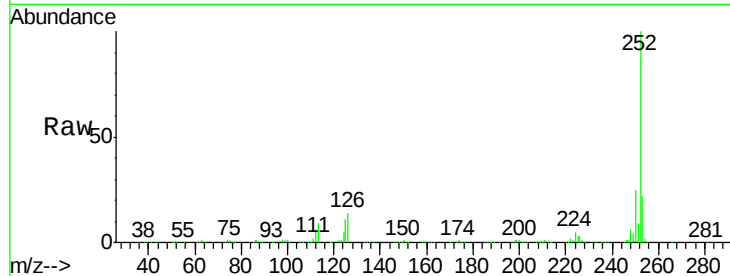
#89
Benzo(a)pyrene
Concen: 39.93 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.6	9.0	13.6

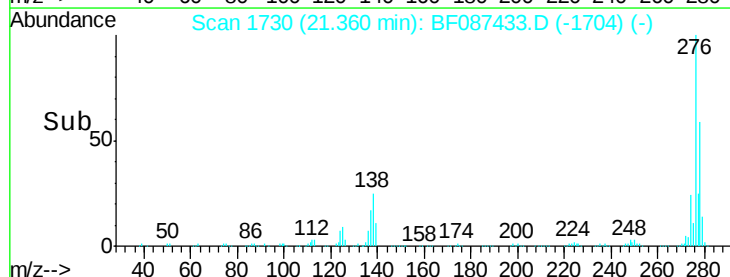
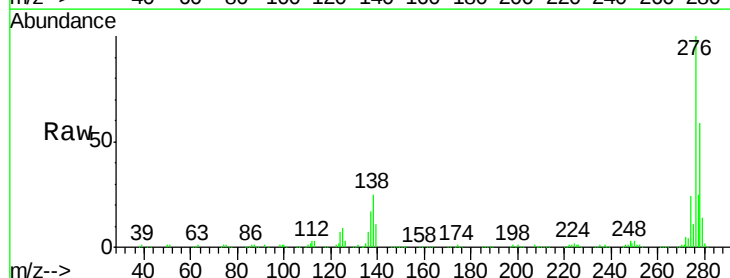
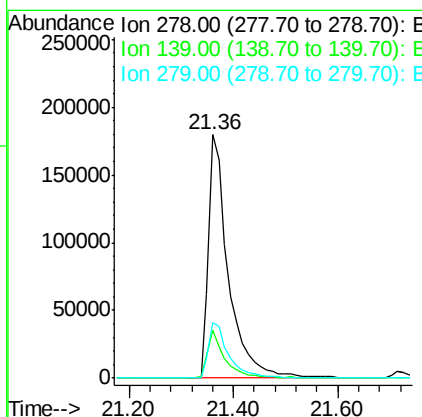
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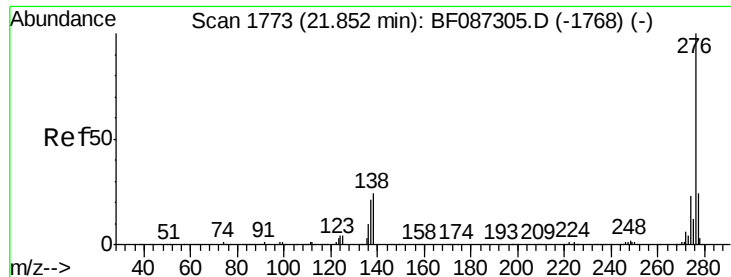
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#90
Dibenzo(a,h)anthracene
Concen: 40.42 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087433.D
Acq: 27 May 2016 6:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.6	24.8
279	23.0	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.80 ng
 RT: 21.71 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BF087433.D
 Acq: 27 May 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90847BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	22.3	23.6	35.4

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