

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086535.D
 Acq On : 30 Apr 2016 20:40
 Operator : UM/SJ
 Sample : PB90056BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Manual Integrations
 APPROVED

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 5/2/2016 7:54:04 PM

Quant Time: May 01 05:09:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	141332	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	625480	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	292518	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	588412	20.00	ng	0.00
75) Chrysene-d12	13.92	240	414412	20.00	ng	0.00
86) Perylene-d12	15.31	264	329020	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1071142	130.73	ng	0.01
7) Phenol-d6	6.41	99	1379404	120.62	ng	0.00
23) Nitrobenzene-d5	7.33	82	876168	75.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	388009	125.78	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1488962	90.27	ng	0.00
78) Terphenyl-d14	12.88	244	1433586	76.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	133803	31.09	ng	# 78
3) Pyridine	3.06	79	376590	36.97	ng	# 75
4) n-Nitrosodimethylamine	3.00	42	245690	42.32	ng	# 62
6) Aniline	6.43	93	480369	34.71	ng	# 81
8) 2-Chlorophenol	6.56	128	415107	40.67	ng	97
9) Benzaldehyde	6.30	77	69810	10.49	ng	95
10) Phenol	6.42	94	455229	35.68	ng	# 50
11) bis(2-Chloroethyl)ether	6.51	93	453193	41.09	ng	93
12) 1,3-Dichlorobenzene	6.70	146	401104	36.54	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	426870	37.69	ng	95
14) 1,2-Dichlorobenzene	6.93	146	377509	36.34	ng	94
15) Benzyl Alcohol	6.92	79	336329	46.49	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	837789	37.95	ng	90
17) 2-Methylphenol	7.04	107	356291	43.19	ng	95
18) Hexachloroethane	7.28	117	153030	36.16	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	306406	40.53	ng	# 68
20) 3+4-Methylphenols	7.18	107	397856	42.24	ng	92
22) Acetophenone	7.18	105	557280	40.63	ng	# 89
24) Nitrobenzene	7.36	77	478704	40.10	ng	96
25) Isophorone	7.60	82	838497	37.54	ng	100
26) 2-Nitrophenol	7.68	139	218209	39.70	ng	94
27) 2,4-Dimethylphenol	7.72	122	397565	41.23	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	528853	43.47	ng	99
29) 2,4-Dichlorophenol	7.92	162	351128	43.15	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	349475	37.02	ng	97
31) Naphthalene	8.08	128	1233283	38.75	ng	99
32) Benzoic acid	7.85	122	186462	34.87	ng	89
33) 4-Chloroaniline	8.13	127	377637	31.68	ng	99
34) Hexachlorobutadiene	8.20	225	191014	36.10	ng	97
35) Caprolactam	8.50	113	115244m	42.46	ng	
36) 4-Chloro-3-methylphenol	8.61	107	382051	41.01	ng	90
37) 2-Methylnaphthalene	8.76	142	754635	40.18	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	305287	36.46	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	311656	74.90	ng	96

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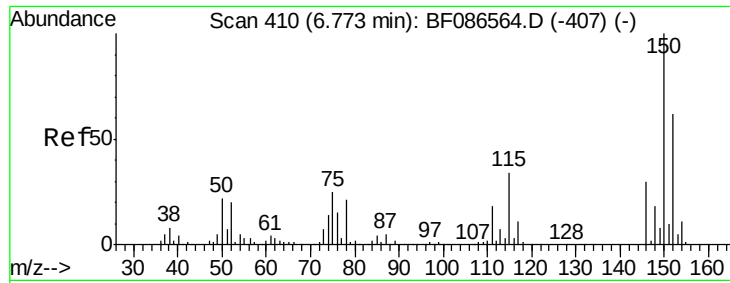
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	227966	43.07	ng	94
43) 2,4,5-Trichlorophenol	9.09	196	245557	42.57	ng #	94
45) 1,1'-Biphenyl	9.23	154	920985	37.67	ng	96
46) 2-Chloronaphthalene	9.25	162	696506	37.47	ng	94
47) 2-Nitroaniline	9.36	65	296383	49.72	ng	91
48) Acenaphthylene	9.66	152	1106920	38.09	ng	99
49) Dimethylphthalate	9.54	163	890261	40.43	ng	100
50) 2,6-Dinitrotoluene	9.60	165	190126	41.79	ng #	89
51) Acenaphthene	9.84	154	794257	42.55	ng	98
52) 3-Nitroaniline	9.77	138	177468	34.30	ng	98
53) 2,4-Dinitrophenol	9.87	184	183786	74.48	ng #	75
54) Dibenzofuran	10.01	168	1008861	43.25	ng	94
55) 4-Nitrophenol	9.94	139	311957	92.08	ng #	76
56) 2,4-Dinitrotoluene	10.00	165	240229	41.42	ng #	83
57) Fluorene	10.35	166	719493	35.52	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	214565	47.57	ng	97
59) Diethylphthalate	10.24	149	819138	39.29	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	373712	40.64	ng	87
61) 4-Nitroaniline	10.38	138	230919	45.66	ng	85
62) Azobenzene	10.51	77	1028313	45.03	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	139367	40.35	ng #	71
65) n-Nitrosodiphenylamine	10.46	169	694497	37.77	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	231392	38.16	ng #	77
67) Hexachlorobenzene	10.90	284	255223	36.37	ng #	80
68) Atrazine	11.00	200	251828	45.60	ng	95
69) Pentachlorophenol	11.09	266	264876	71.58	ng	97
70) Phenanthrene	11.31	178	1130573	36.61	ng	99
71) Anthracene	11.37	178	1294124	39.27	ng	100
72) Carbazole	11.52	167	1134235	38.83	ng	99
73) Di-n-butylphthalate	11.86	149	1332497	40.27	ng	99
74) Fluoranthene	12.50	202	1259263	40.40	ng	91
76) Benzidine	12.62	184	487933	34.26	ng	96
77) Pyrene	12.72	202	1197902	40.12	ng	100
79) Butylbenzylphthalate	13.35	149	505420	39.08	ng #	76
80) Benzo(a)anthracene	13.91	228	908362	41.11	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	225108	15.24	ng	98
82) Chrysene	13.94	228	913749	38.05	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	551471	34.35	ng #	96
84) Di-n-octyl phthalate	14.51	149	899298	35.77	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	825566	46.39	ng	97
87) Benzo(b)fluoranthene	14.92	252	861790m	44.52	ng	
88) Benzo(k)fluoranthene	14.95	252	703446m	34.84	ng	
89) Benzo(a)pyrene	15.25	252	737144	40.34	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	690972	46.20	ng	99
91) Benzo(g,h,i)perylene	17.05	276	699193	46.65	ng	95

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



#1

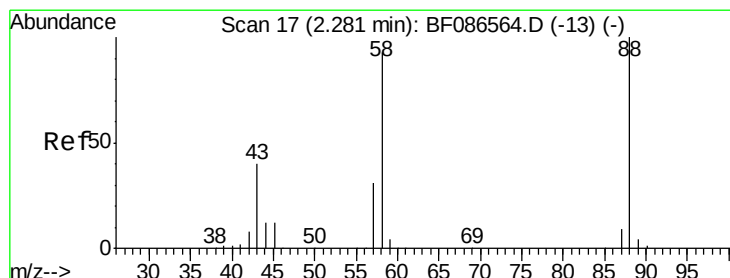
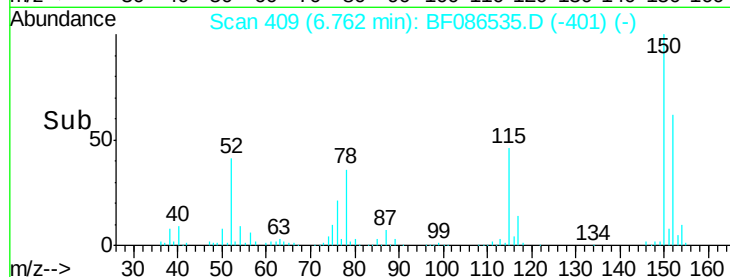
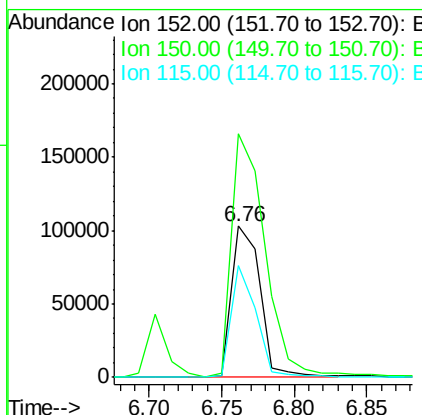
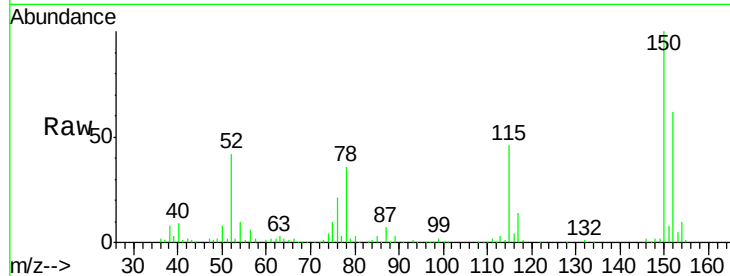
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.3	125.8	188.6
115	73.7	51.5	77.3

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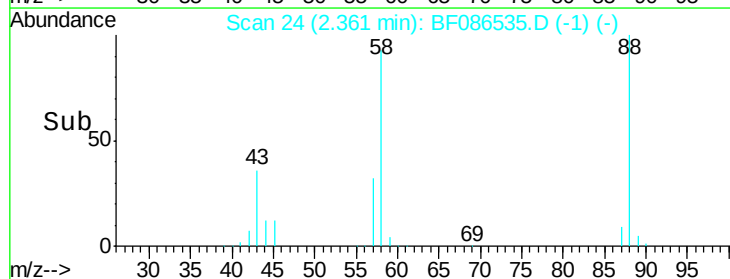
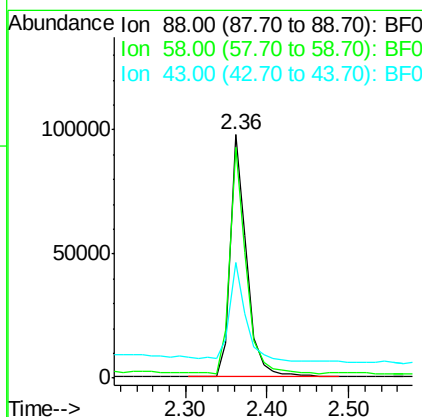
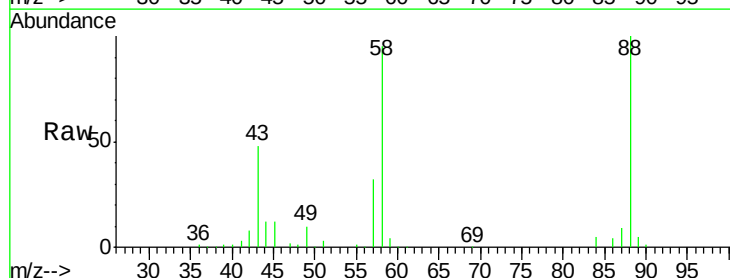
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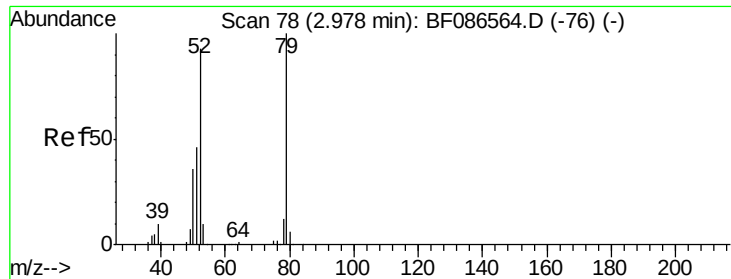


#2

1,4-Dioxane
Concen: 31.09 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.07 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	59.6	89.4#
43	40.8	21.8	32.6#





#3

Pyridine

Concen: 36.97 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086535.D

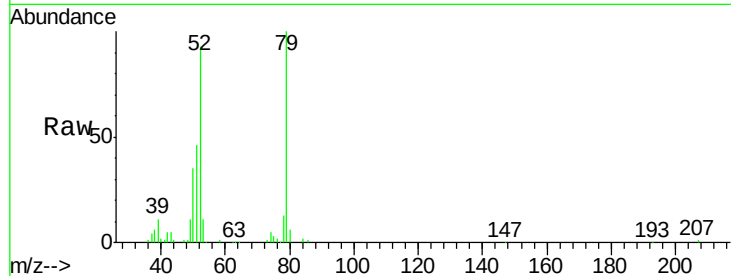
Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

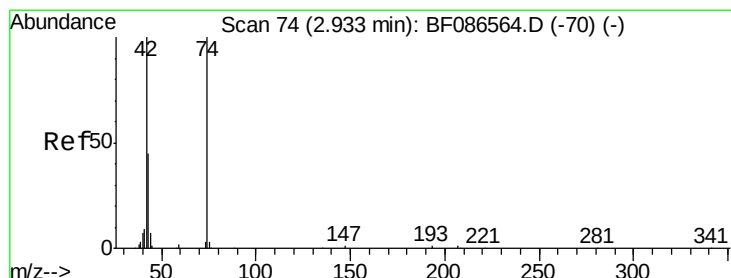
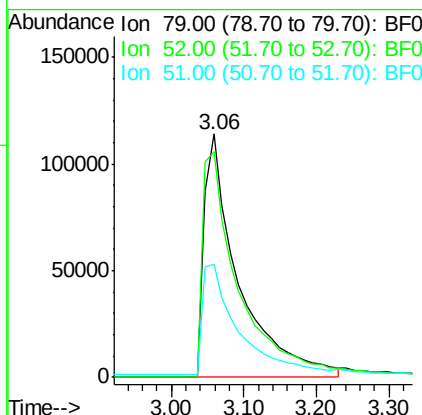
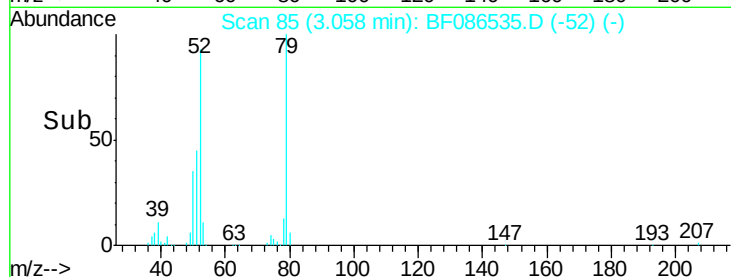
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Tgt Ion:	79	Resp:	376590
Ion	Ratio	Lower	Upper
79	100		
52	92.7	55.9	83.9#
51	46.2	28.1	42.1#

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#4

n-Nitrosodimethylamine

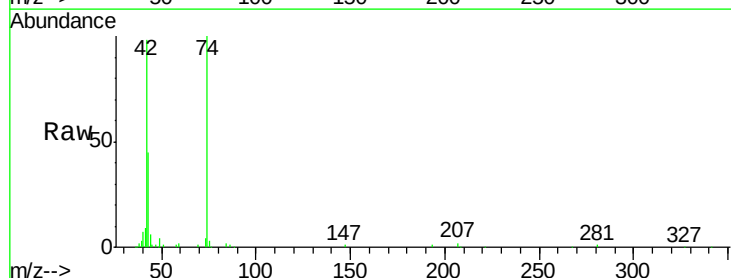
Concen: 42.32 ng

RT: 3.00 min Scan# 80

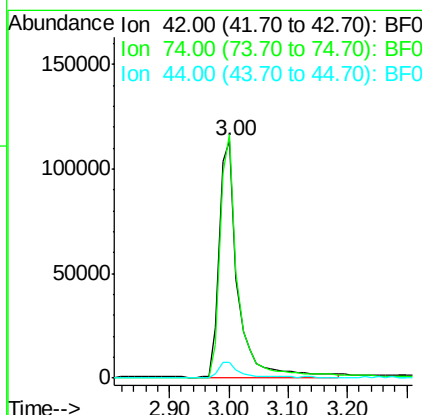
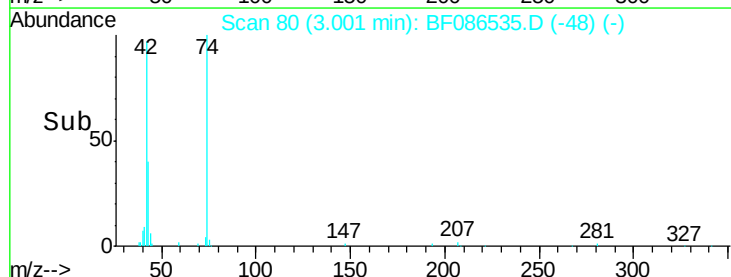
Delta R.T. 0.07 min

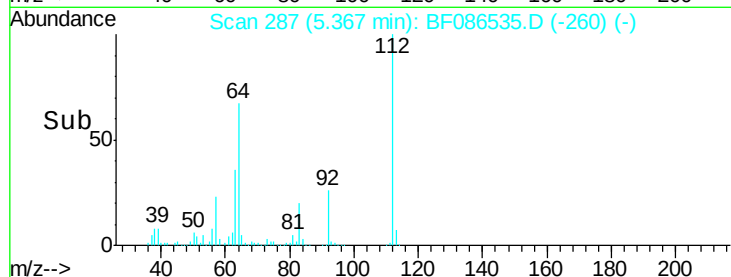
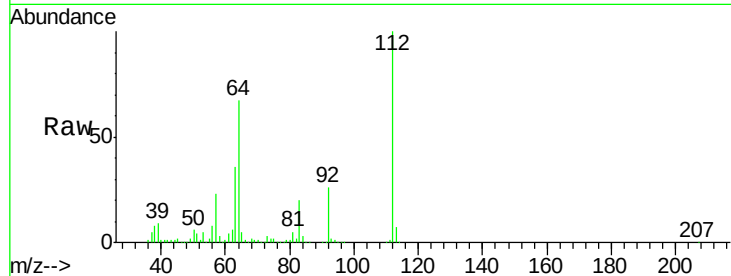
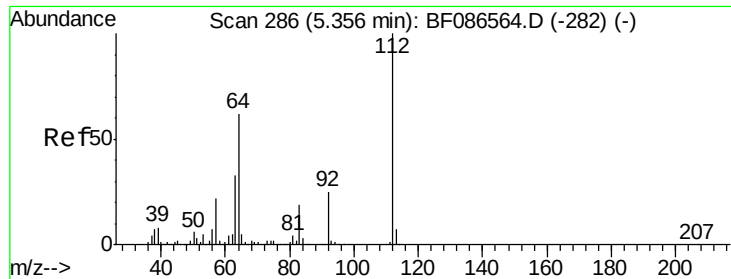
Lab File: BF086535.D

Acq: 30 Apr 2016 20:40



Tgt Ion:	42	Resp:	245690
Ion	Ratio	Lower	Upper
42	100		
74	102.5	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 130.73 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

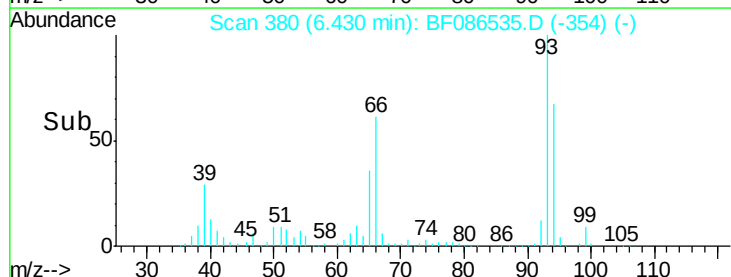
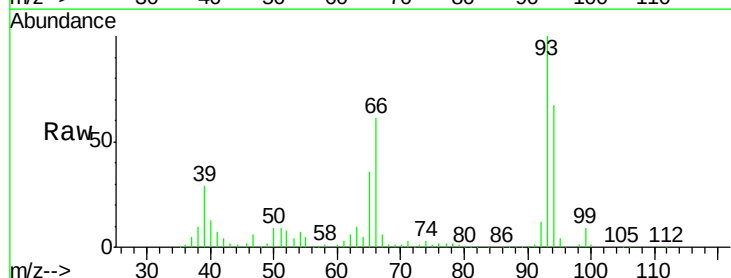
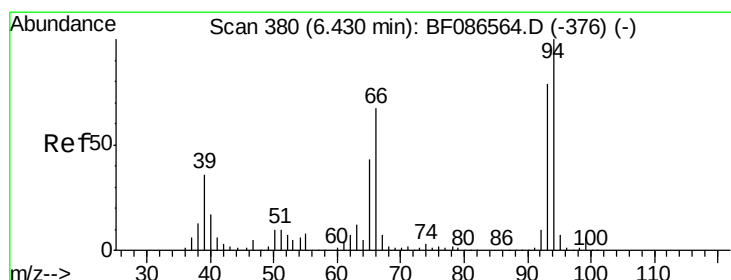
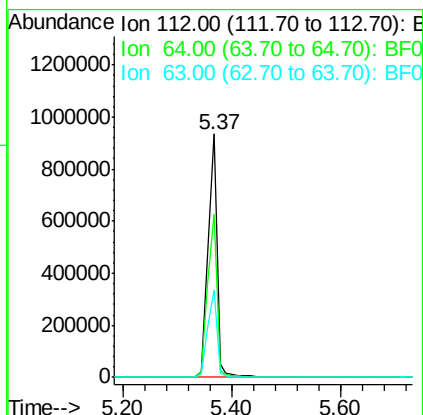
ClientSampleId :

PB90056BS

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Tgt Ion:	112	Resp:	1071142
Ion	Ratio	Lower	Upper
112	100		
64	66.7	52.1	78.1
63	35.7	25.7	38.5



#6

Aniline

Concen: 34.71 ng

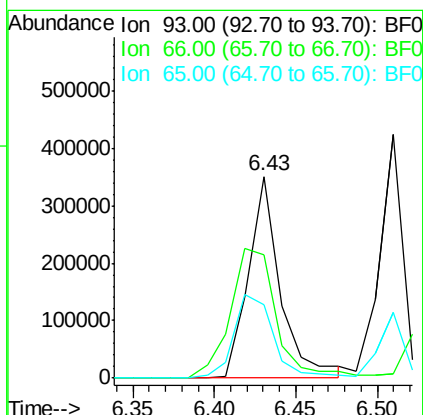
RT: 6.43 min Scan# 380

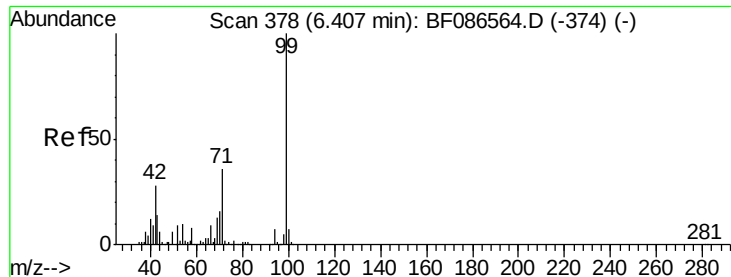
Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion:	93	Resp:	480369
Ion	Ratio	Lower	Upper
93	100		
66	61.1	39.0	58.6#
65	36.1	20.6	31.0#





#7

Phenol-d6

Concen: 120.62 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tgt Ion: 99 Resp: 1379404

Ion Ratio Lower Upper

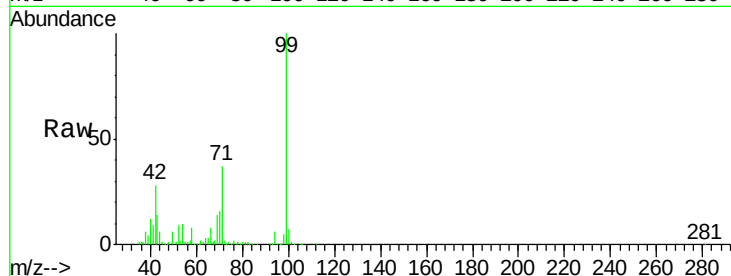
99 100

42 27.7 13.6 20.4#

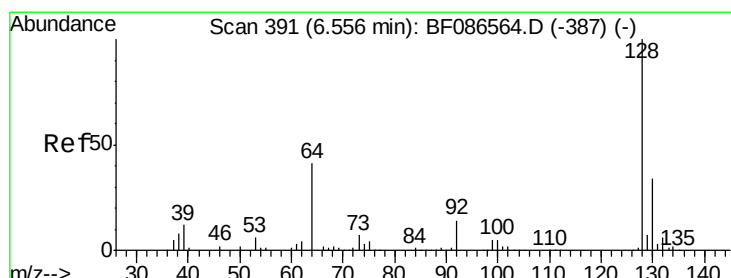
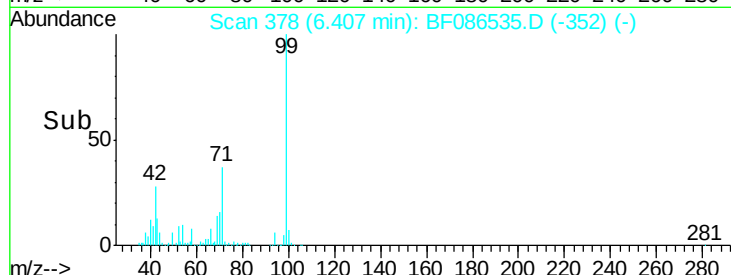
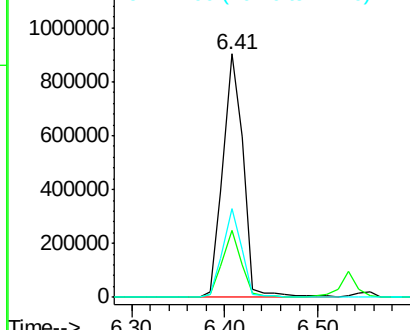
71 36.6 24.6 36.8

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



#8

2-Chlorophenol

Concen: 40.67 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

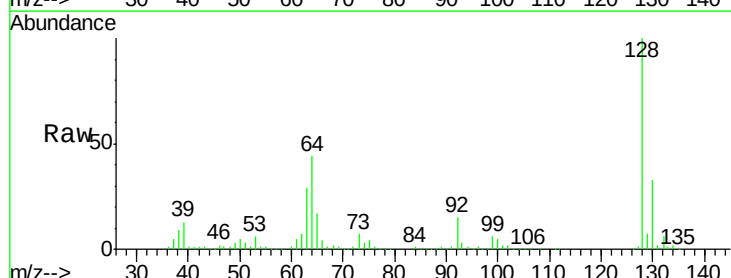
Tgt Ion: 128 Resp: 415107

Ion Ratio Lower Upper

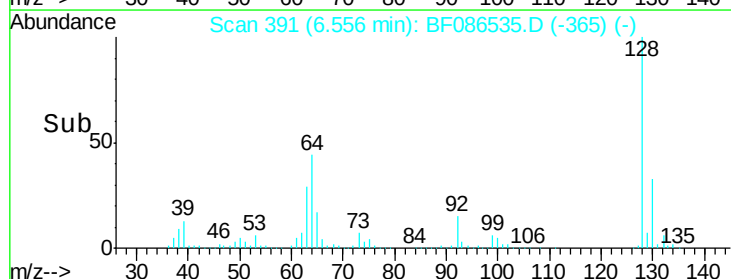
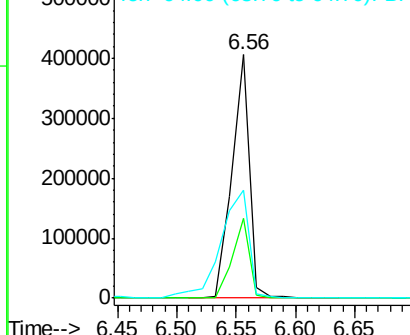
128 100

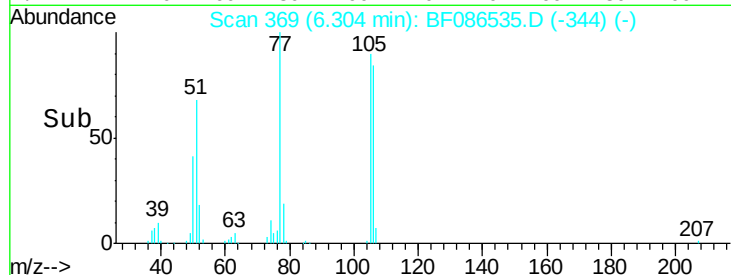
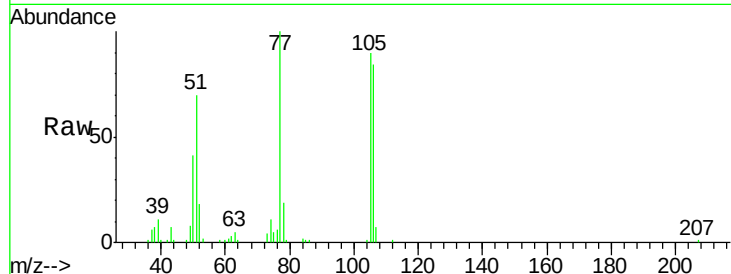
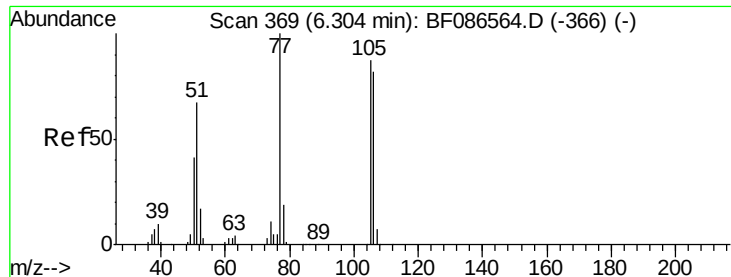
130 33.0 12.5 52.5

64 44.3 27.3 67.3



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





#9

Benzaldehyde

Concen: 10.49 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion:	77	Resp:	69810
Ion	Ratio	Lower	Upper
77	100		
105	89.9	72.7	112.7
106	84.4	70.8	110.8

Instrument :

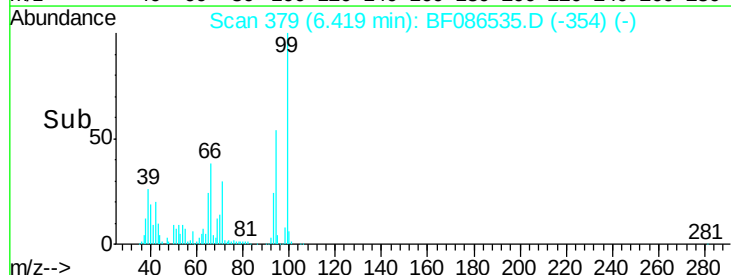
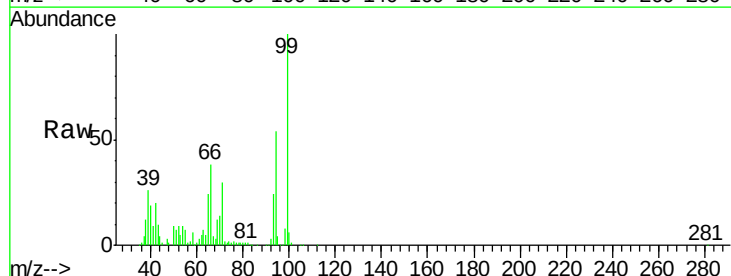
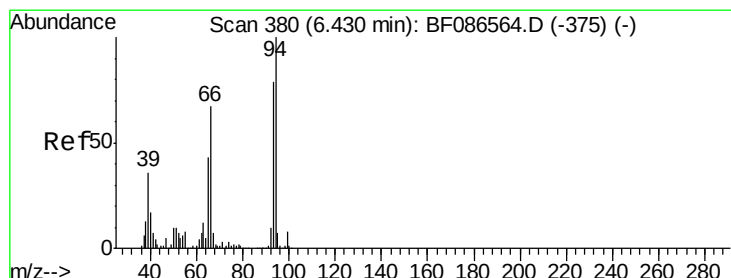
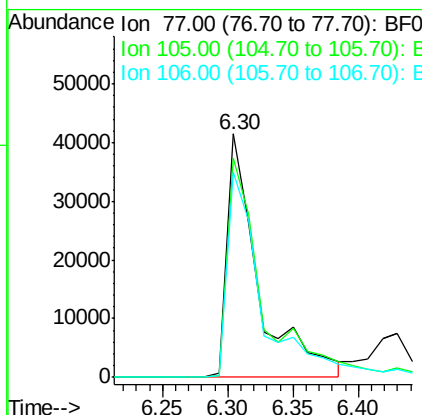
BNA_F

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#10

Phenol

Concen: 35.68 ng

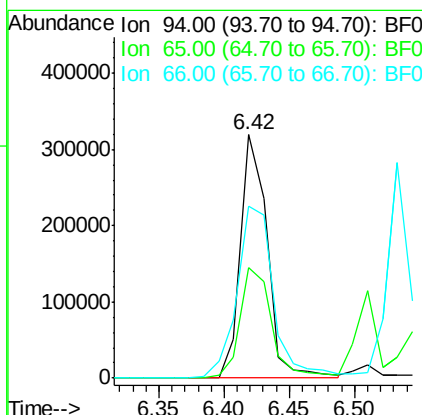
RT: 6.42 min Scan# 379

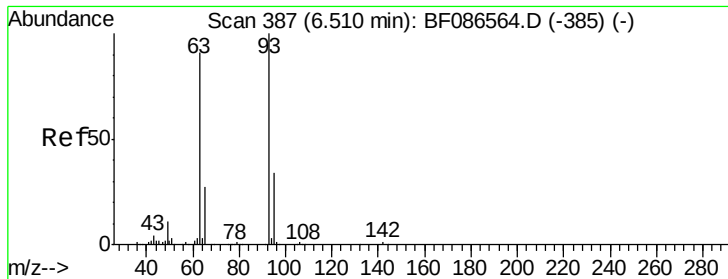
Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion:	94	Resp:	455229
Ion	Ratio	Lower	Upper
94	100		
65	45.5	7.2	47.2
66	70.6	14.9	54.9#





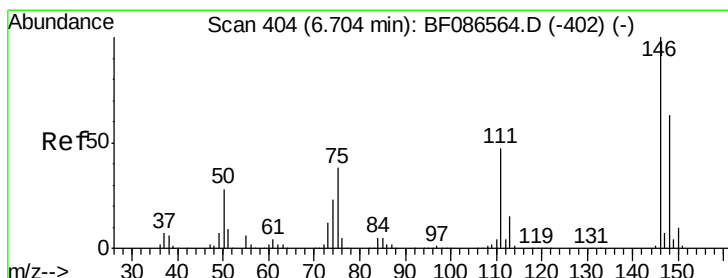
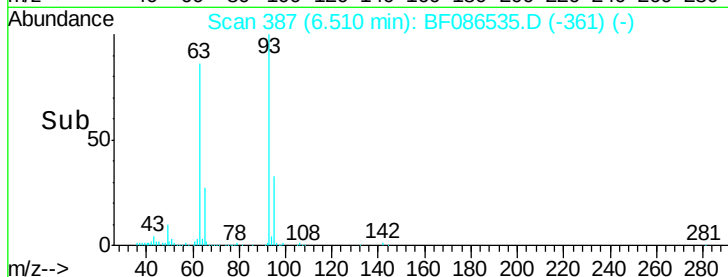
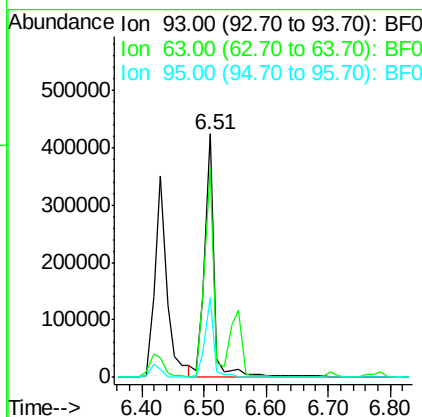
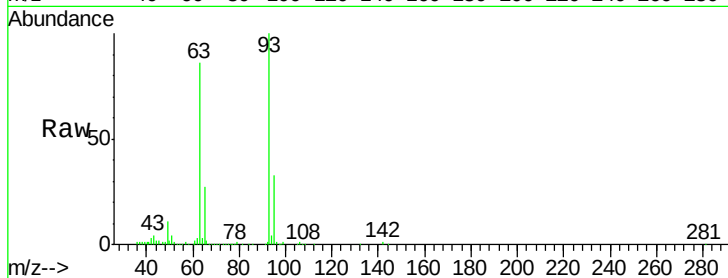
#11
 bis(2-Chloroethyl)ether
 Concen: 41.09 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	453193		
63	85.6	58.0	98.0	
95	33.0	11.9	51.9	

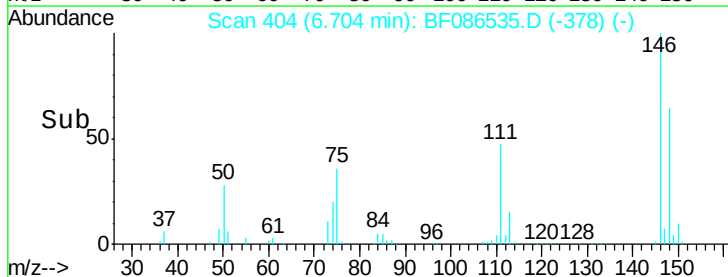
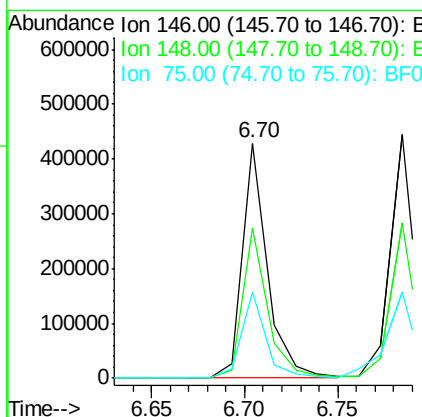
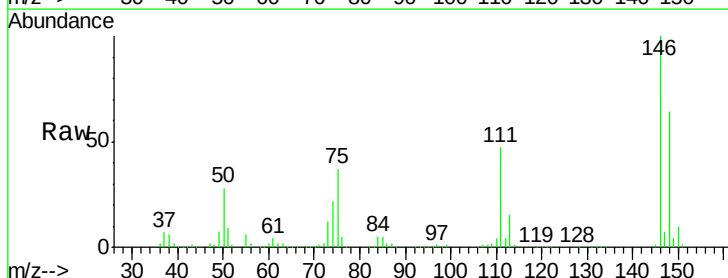
Manual Integrations
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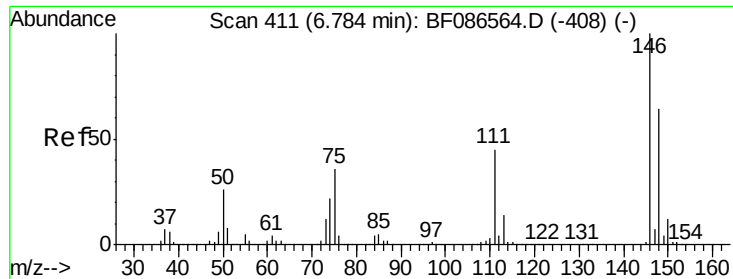
sohil
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#12
 1,3-Dichlorobenzene
 Concen: 36.54 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	401104		
148	63.9	52.4	78.6	
75	36.5	22.8	34.2	





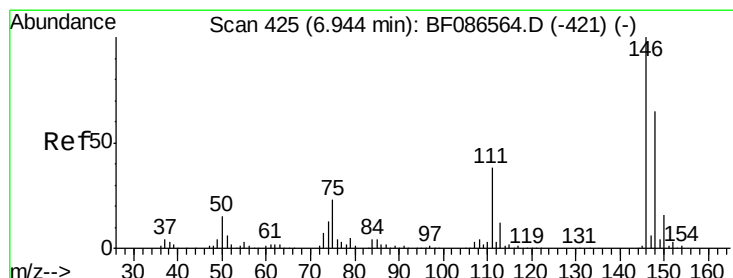
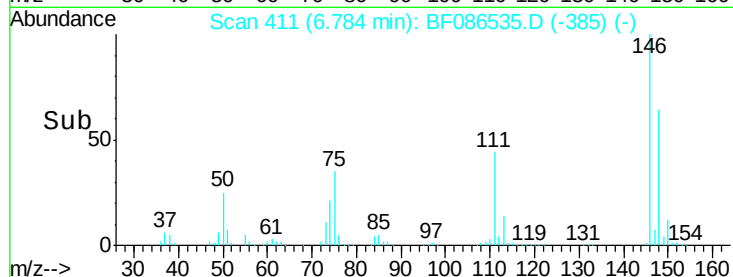
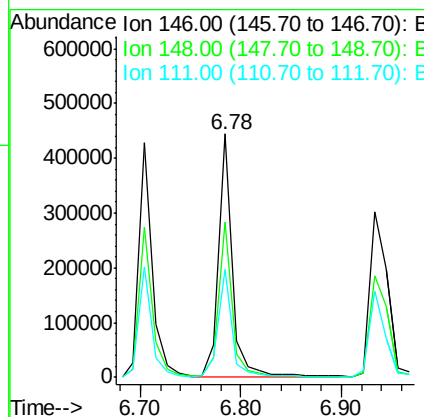
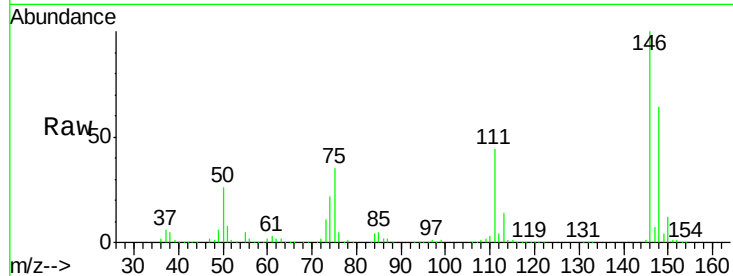
#13
 1,4-Dichlorobenzene
 Concen: 37.69 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	426870		
148	63.6	52.2	78.4	
111	44.2	30.7	46.1	

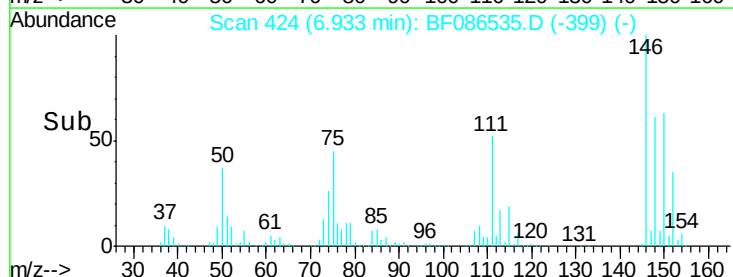
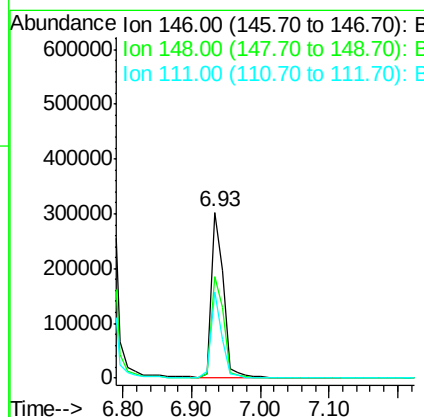
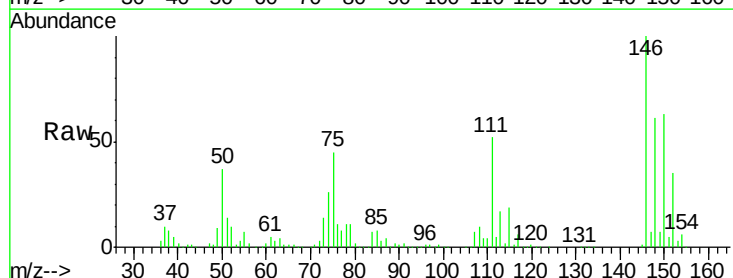
Manual Integrations
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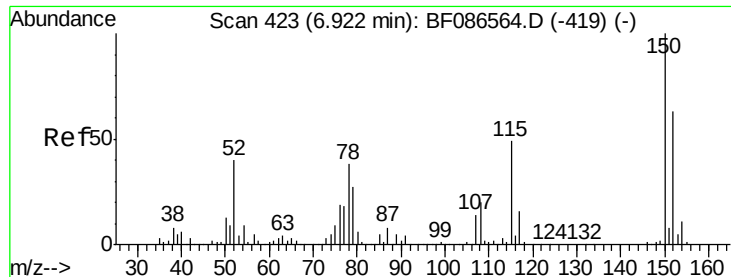
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.34 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	377509		
148	61.5	51.0	76.6	
111	51.8	36.2	54.4	





#15

Benzyl Alcohol

Concen: 46.49 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tgt Ion: 79 Resp: 336329

Ion Ratio Lower Upper

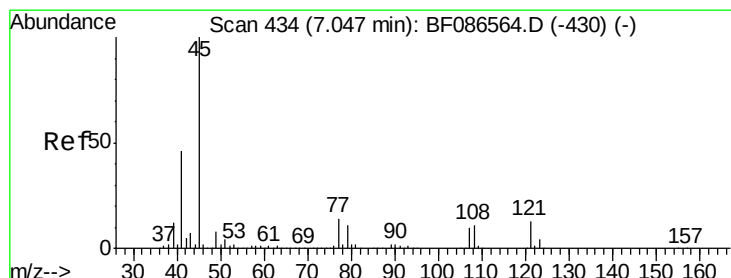
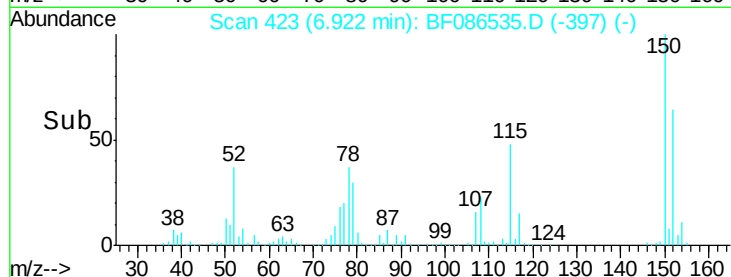
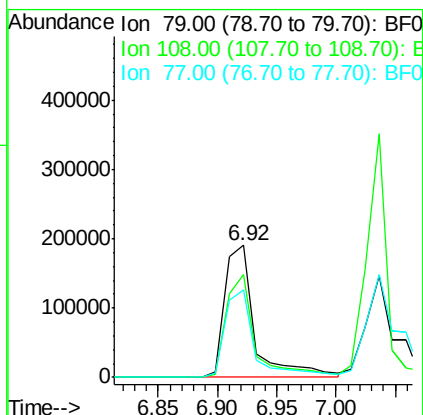
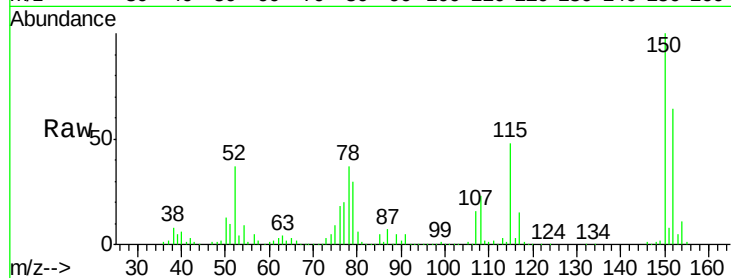
79 100

108 77.7 68.4 102.6

77 66.0 50.6 76.0

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.95 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

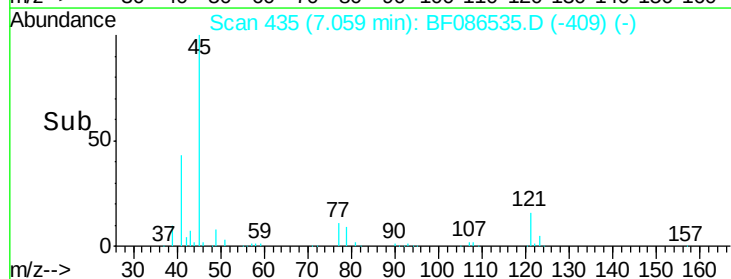
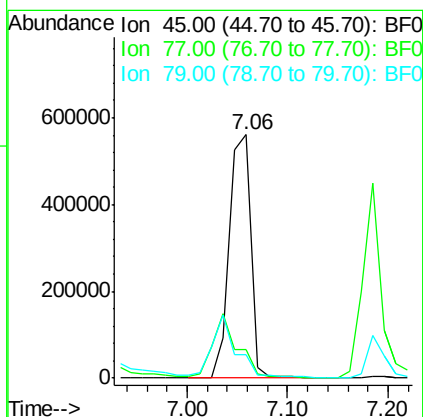
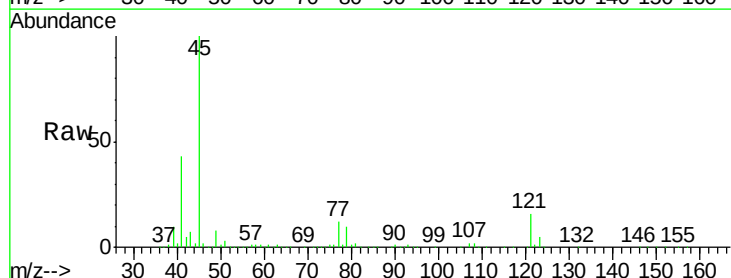
Tgt Ion: 45 Resp: 837789

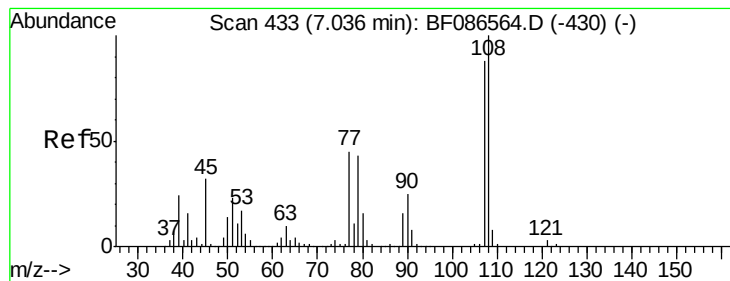
Ion Ratio Lower Upper

45 100

77 11.8 0.0 36.4

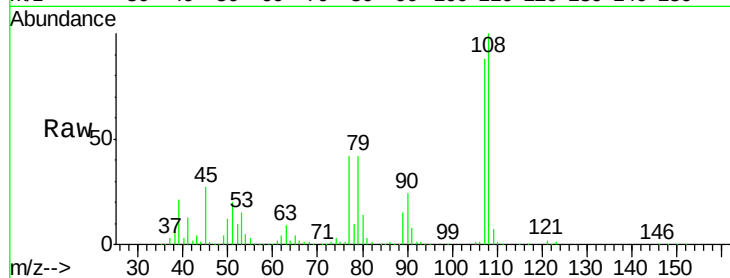
79 9.7 0.0 33.4





#17
2-Methylphenol
Concen: 43.19 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

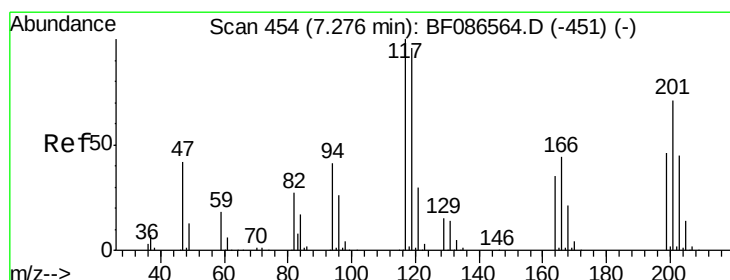
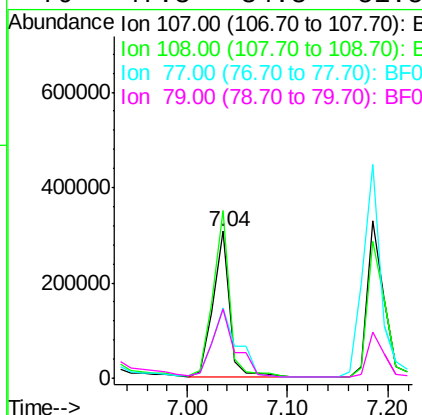
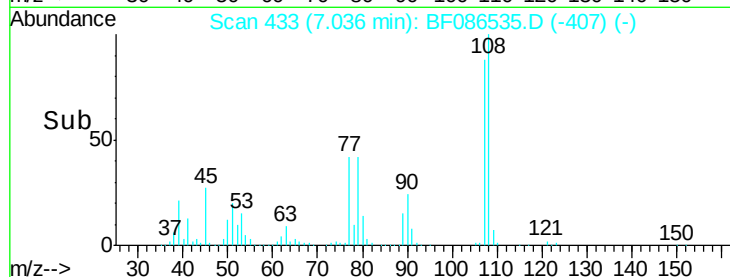
Instrument :
BNA_F
ClientSampleId :
PB90056BS



Tgt Ion:	107	Resp:	356291
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.7	140.5
77	48.0	33.4	50.0
79	47.3	34.3	51.5

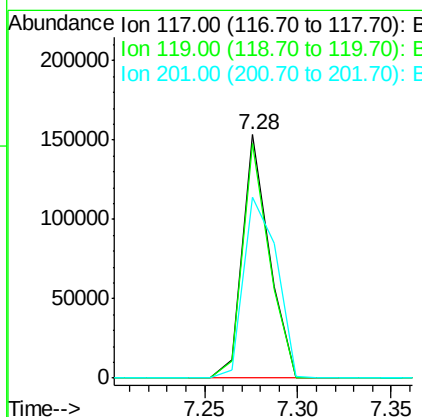
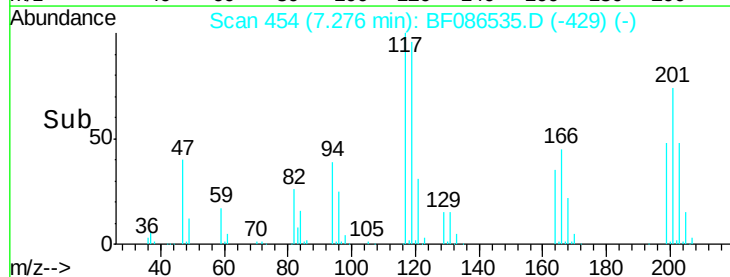
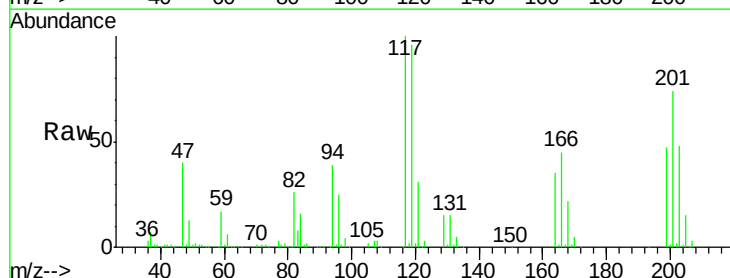
Manual Integrations
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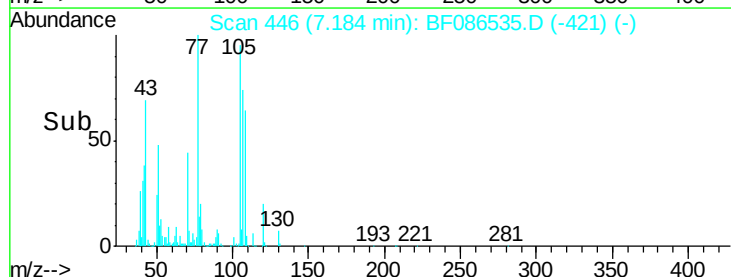
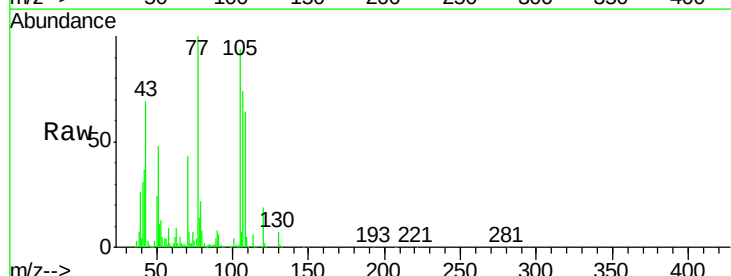
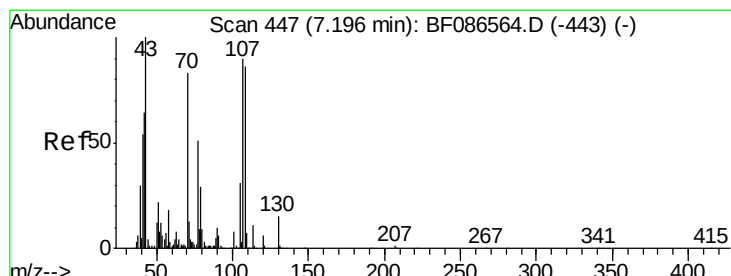
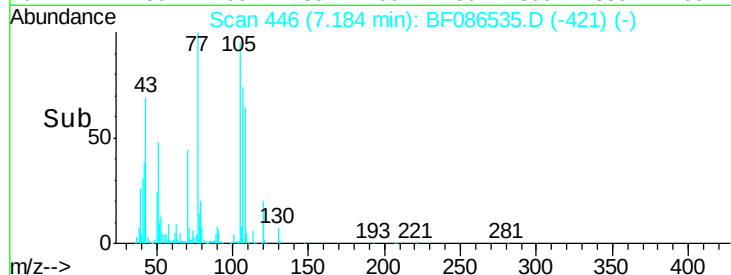
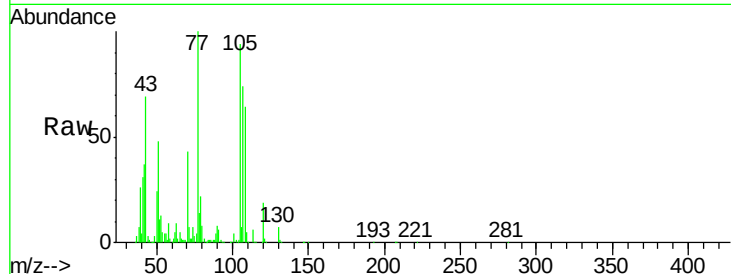
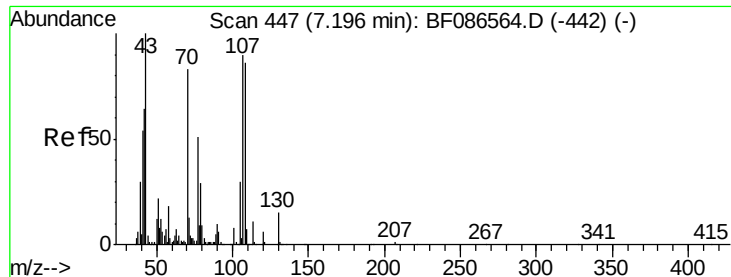
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#18
Hexachloroethane
Concen: 36.16 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion:	117	Resp:	153030
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.5	114.7
201	74.1	63.0	94.6





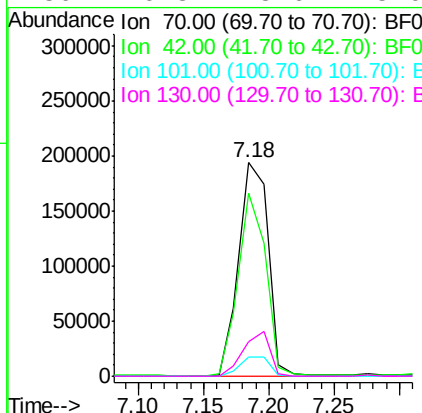
#19
n-Nitroso-di-n-propylamine
Concen: 40.53 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	85.9	43.1	64.7#
101	8.7	8.1	12.1
130	16.3	18.6	28.0#

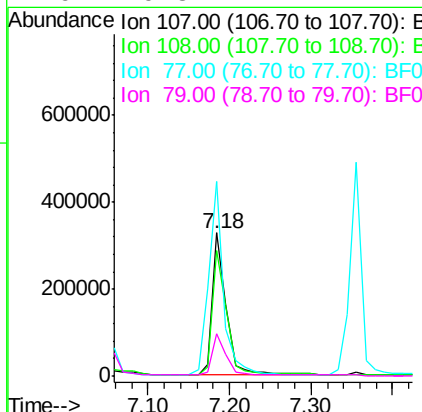
Manual Integrations
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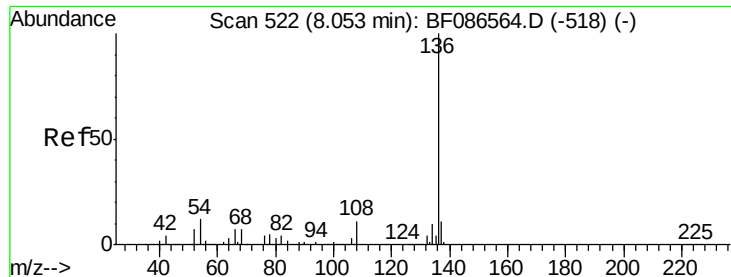
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#20
3+4-Methylphenols
Concen: 42.24 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.3	68.5	108.5
77	136.0	101.6	141.6
79	29.8	7.4	47.4





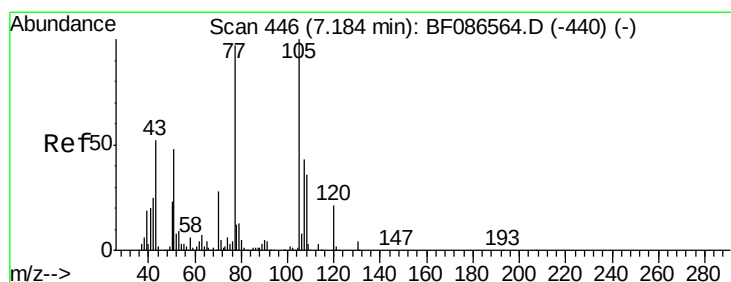
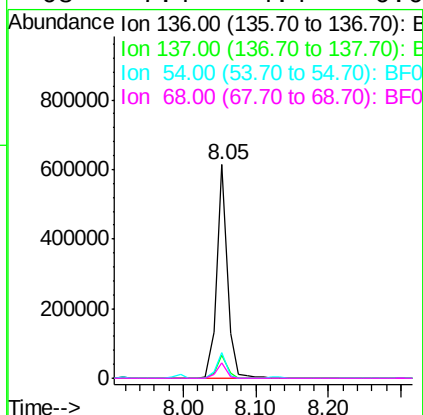
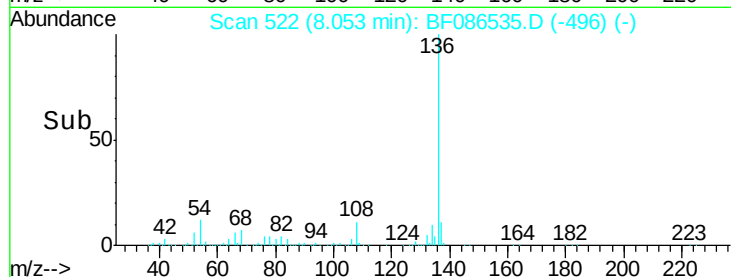
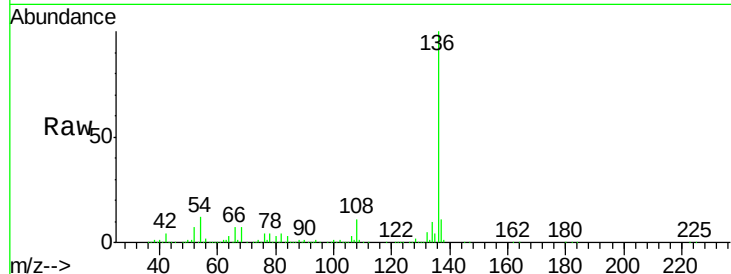
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	625480		
137	11.1	8.8	13.2	
54	12.3	5.0	7.4#	
68	7.4	4.4	6.6#	

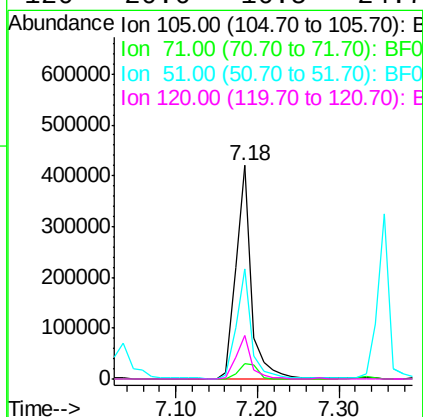
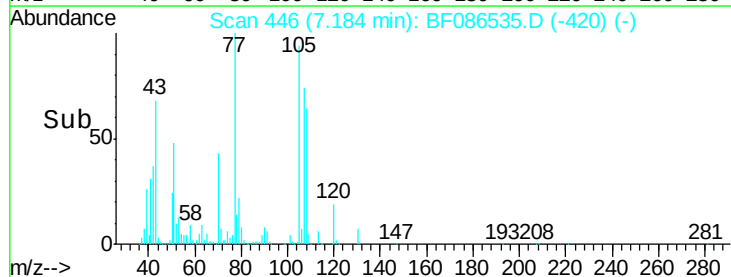
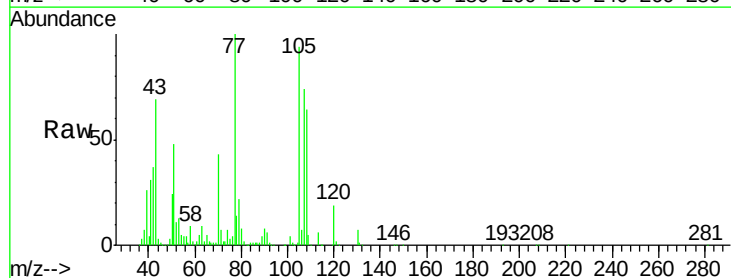
Manual Integrations
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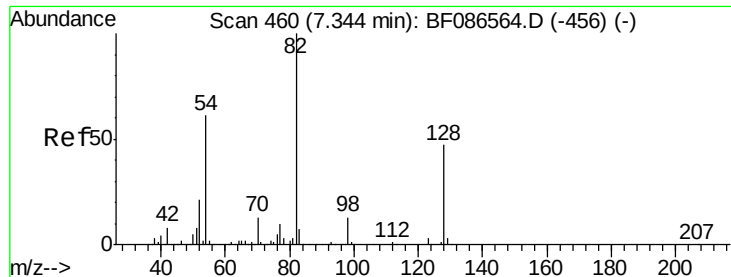
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#22
Acetophenone
Concen: 40.63 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	557280		
71	7.5	4.8	7.2#	
51	51.6	32.6	49.0#	
120	20.6	16.5	24.7	





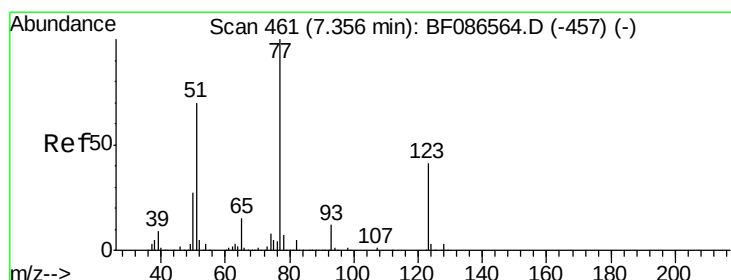
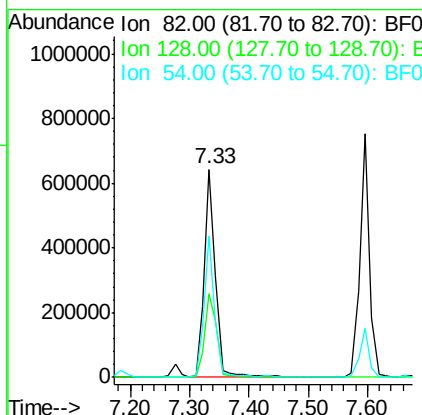
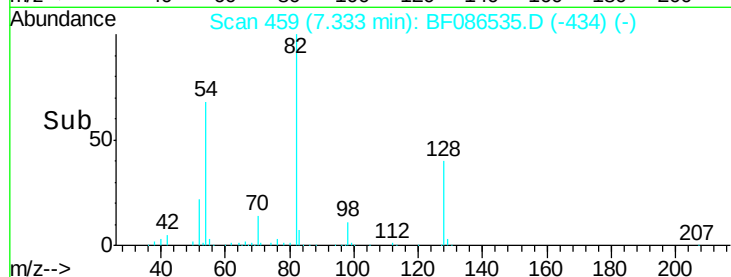
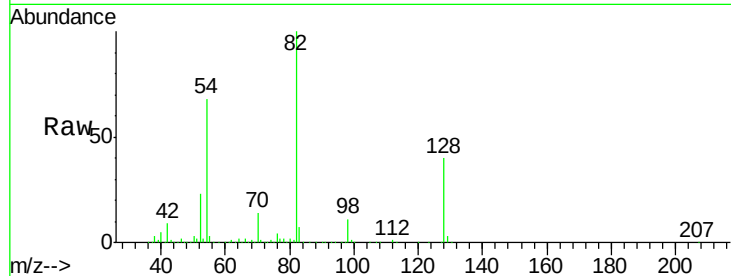
#23
Nitrobenzene-d5
Concen: 75.50 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	876168		
128	40.2	40.6	61.0#	
54	68.0	38.1	57.1#	

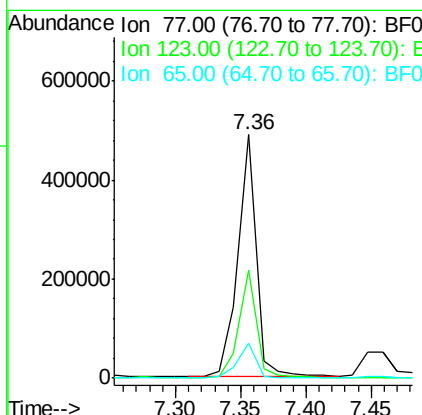
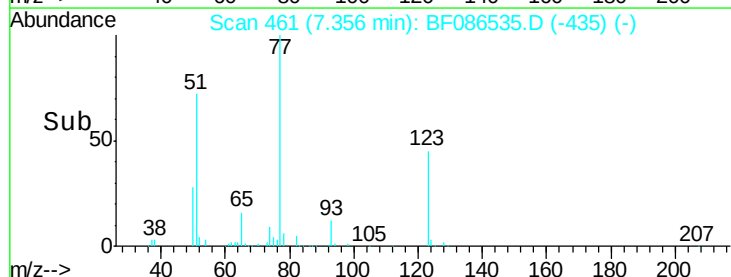
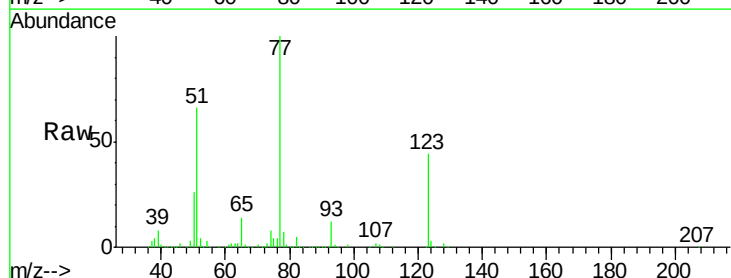
Manual Integrations
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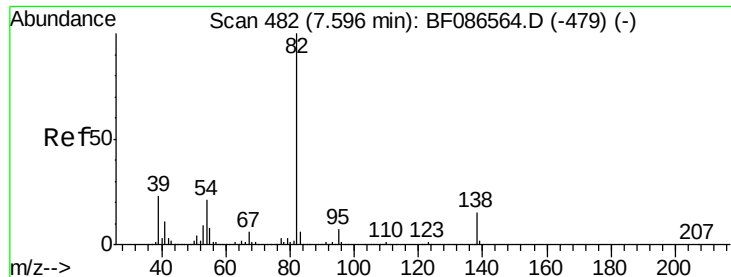
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#24
Nitrobenzene
Concen: 40.10 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	478704		
123	44.3	33.0	49.4	
65	14.4	10.8	16.2	





#25

Isophorone

Concen: 37.54 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

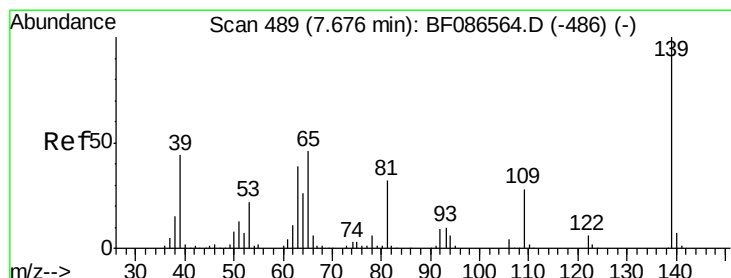
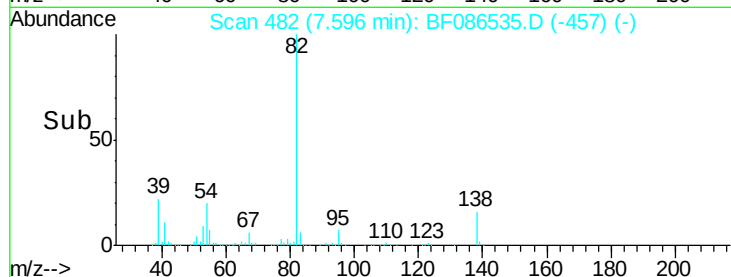
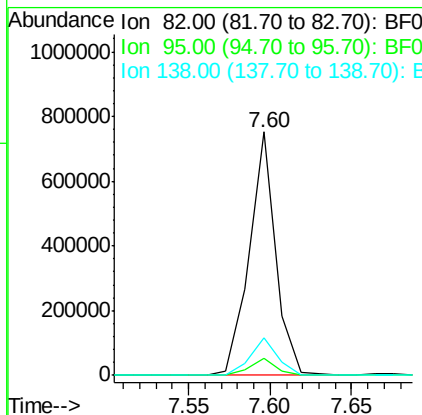
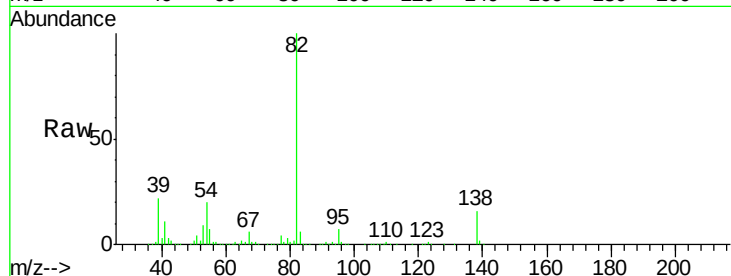
ClientSampleId :

PB90056BS

Tgt Ion:	82	Resp:	838497
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.1	7.7
138	15.6	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.70 ng

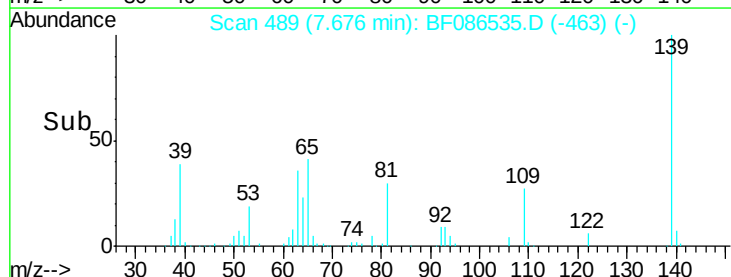
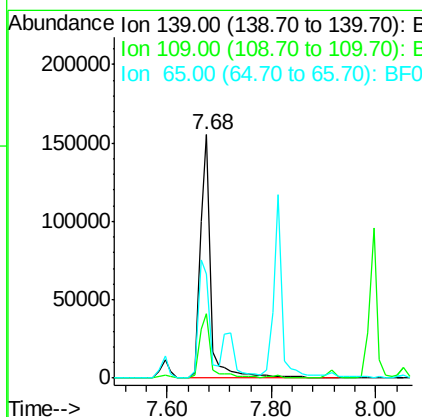
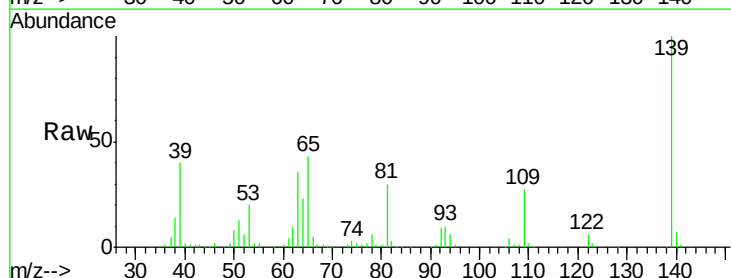
RT: 7.68 min Scan# 489

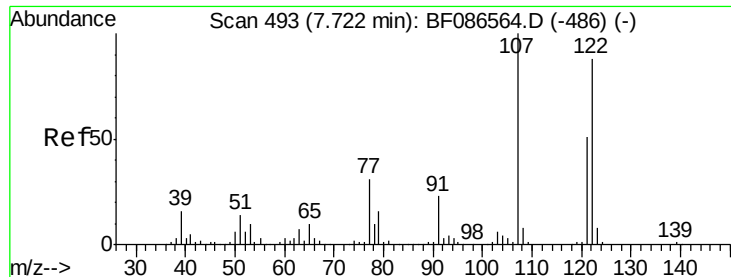
Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion:	139	Resp:	218209
Ion Ratio	Lower	Upper	
139	100		
109	26.5	19.5	29.3
65	42.6	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 41.23 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

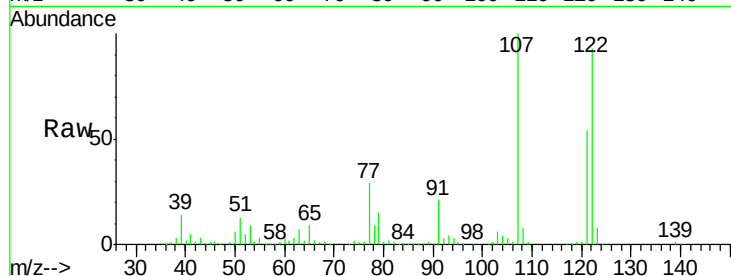
ClientSampleId :

PB90056BS

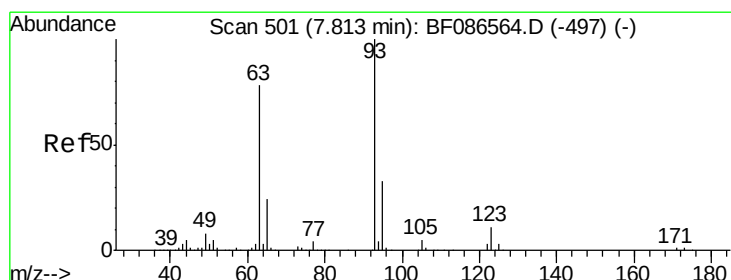
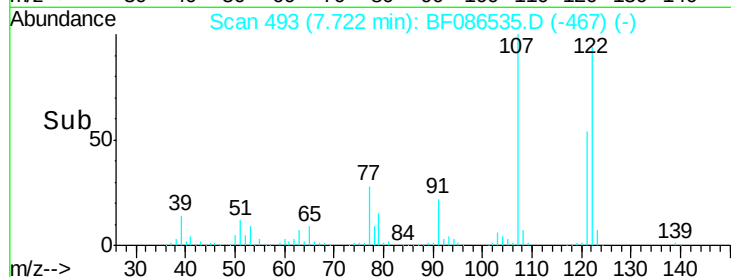
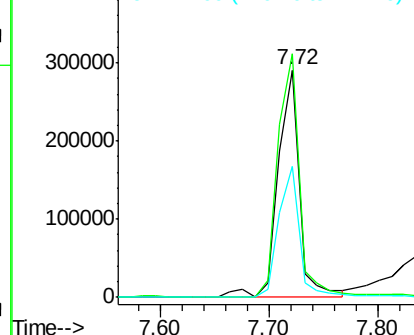
Tgt Ion:	122	Resp:	397565
Ion Ratio	Lower	Upper	
122	100		
107	107.1	82.0	123.0
121	57.4	46.1	69.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.47 ng

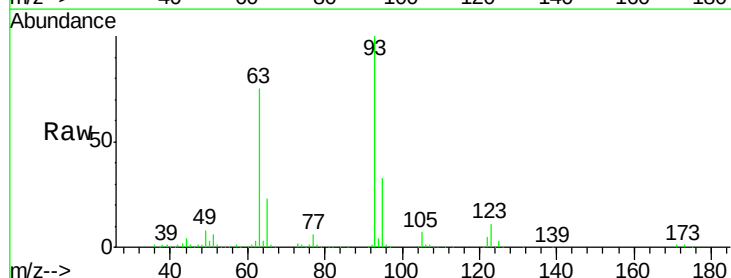
RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

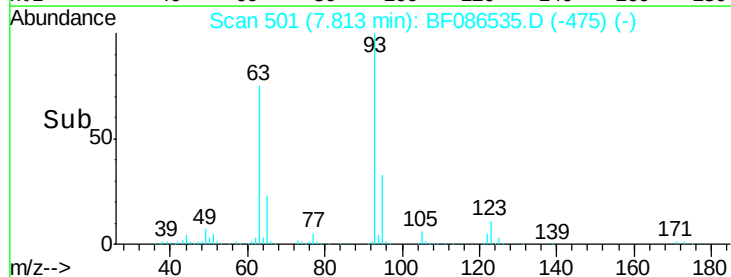
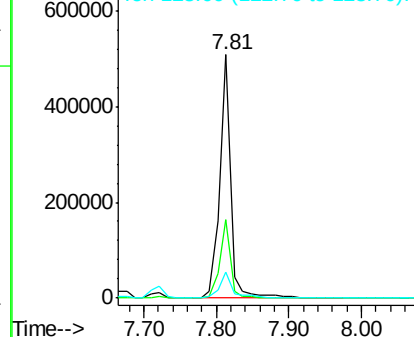
Lab File: BF086535.D

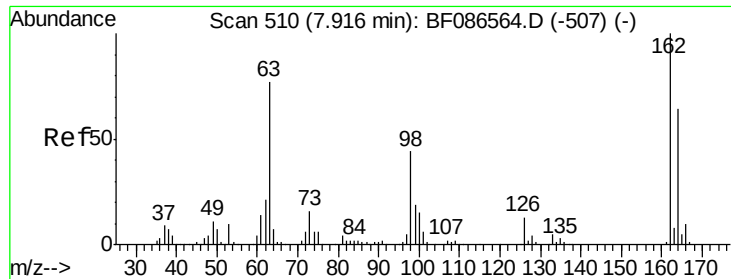
Acq: 30 Apr 2016 20:40

Tgt Ion:	93	Resp:	528853
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.0	39.0
123	10.8	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





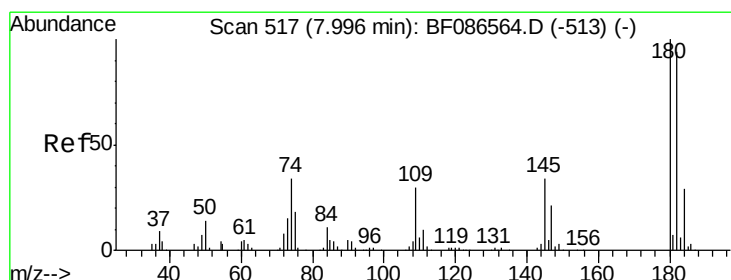
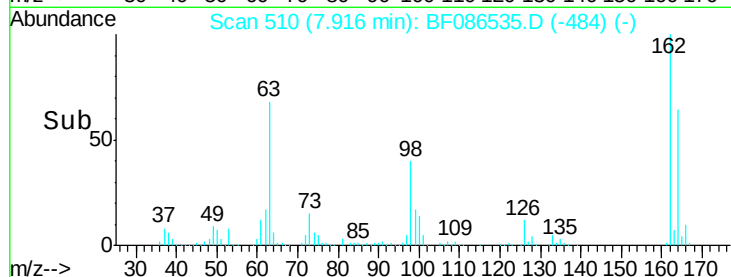
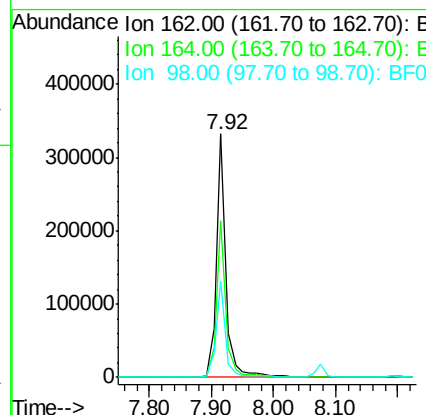
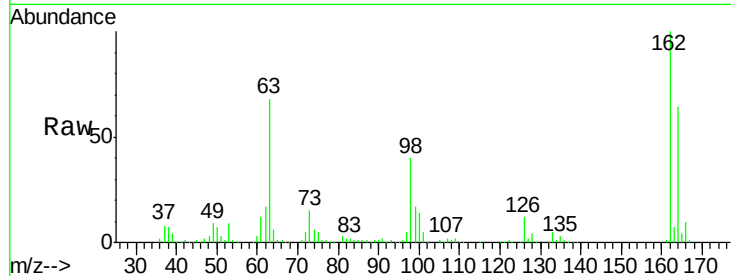
#29
2,4-Dichlorophenol
Concen: 43.15 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	42.2	82.2
98	39.7	19.0	59.0

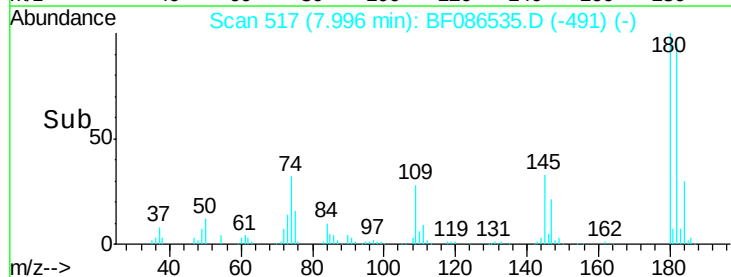
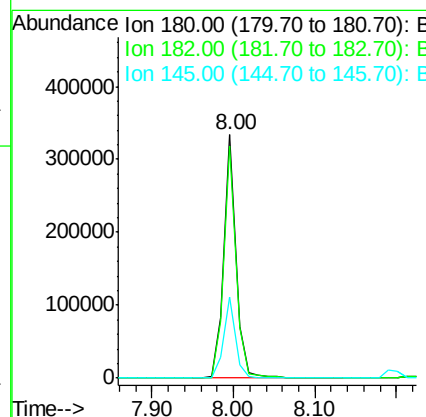
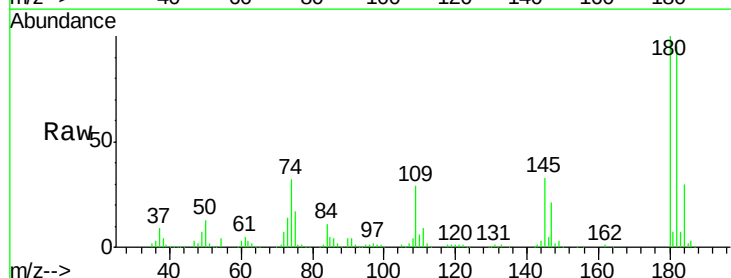
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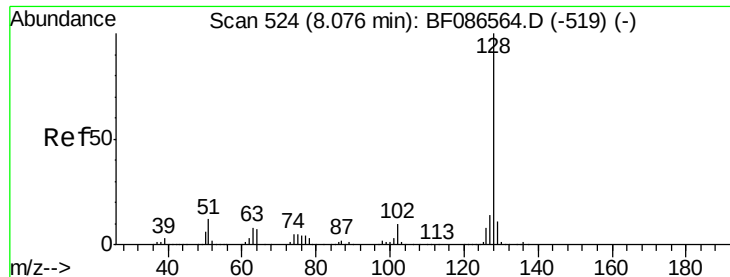
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#30
1,2,4-Trichlorobenzene
Concen: 37.02 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	78.0	117.0
145	33.3	24.2	36.2





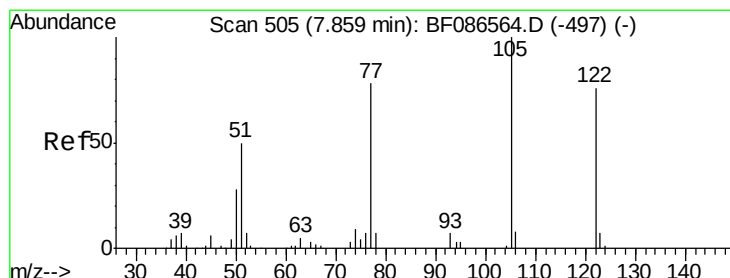
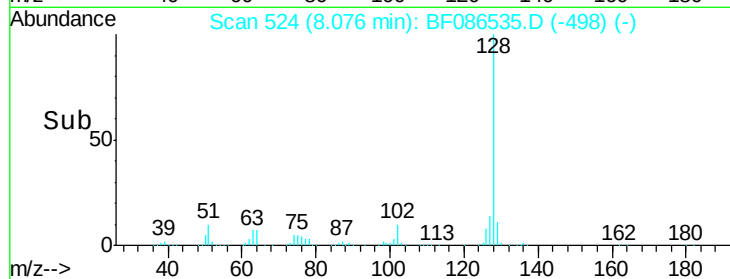
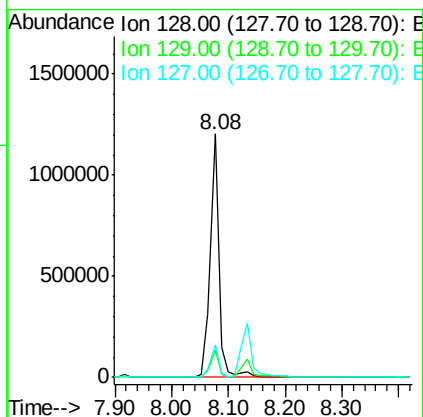
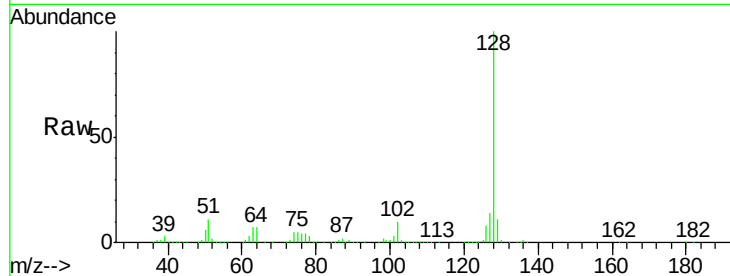
#31
Naphthalene
Concen: 38.75 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.6	10.8	16.2

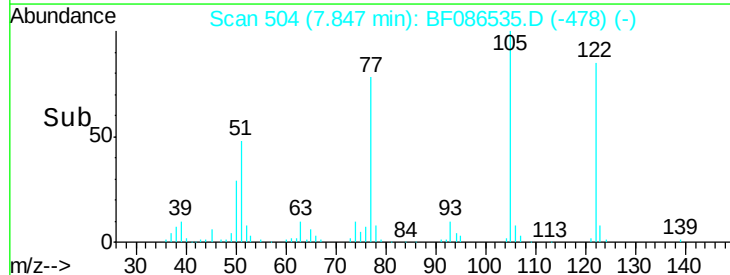
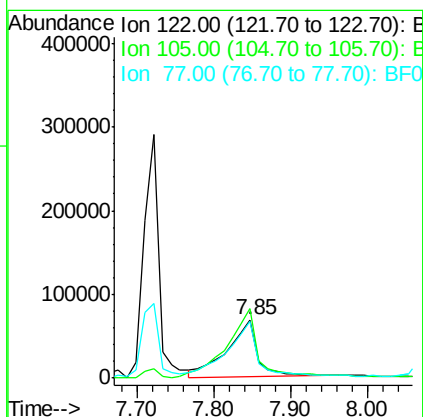
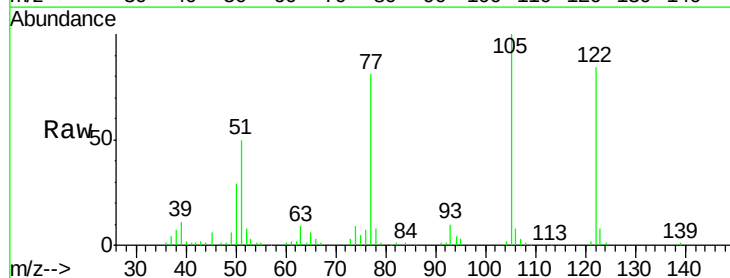
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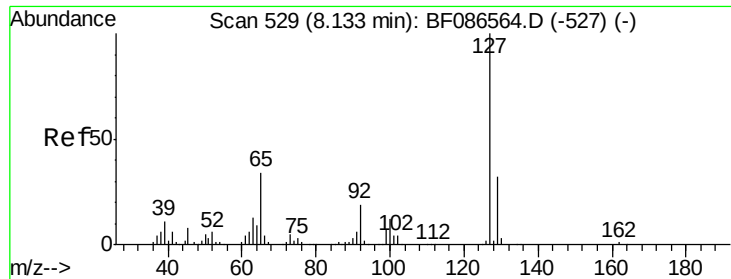
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#32
Benzoic acid
Concen: 34.87 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

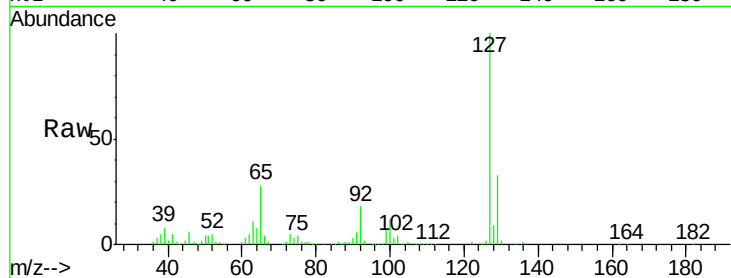
Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	92.6	132.6
77	96.4	60.0	100.0





#33
4-Chloroaniline
Concen: 31.68 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

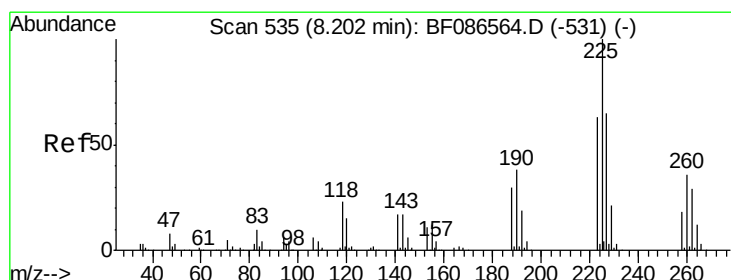
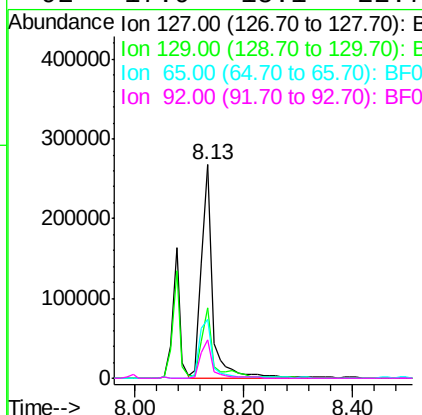
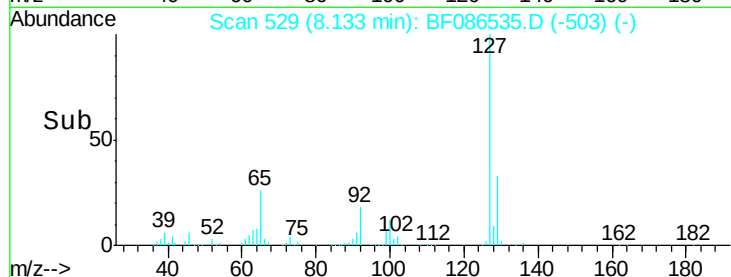
Instrument :
BNA_F
ClientSampleId :
PB90056BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	377637		
129	32.9	26.2	39.4	
65	27.8	23.0	34.4	
92	17.9	15.1	22.7	

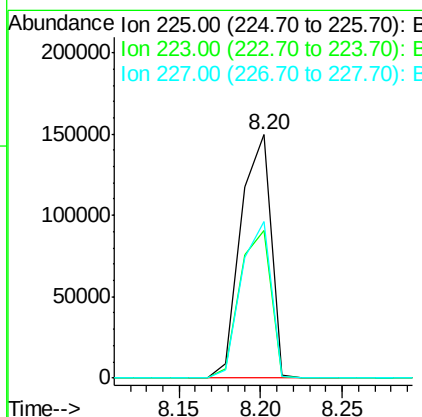
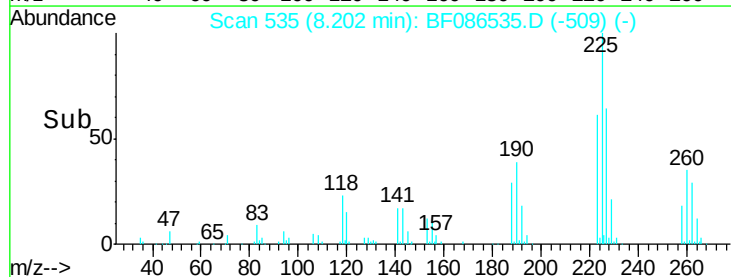
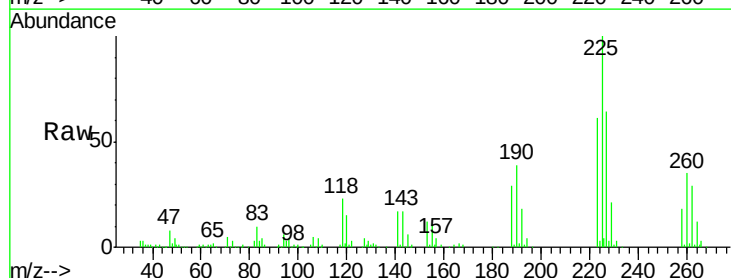
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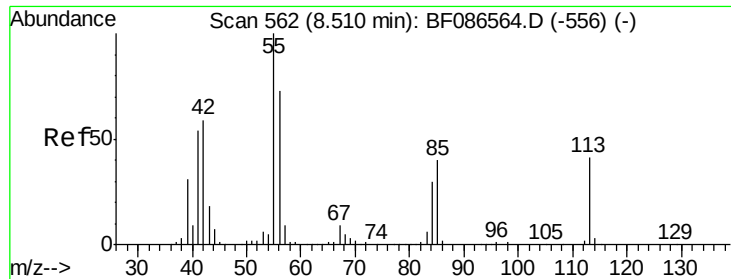
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#34
Hexachlorobutadiene
Concen: 36.10 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191014		
223	60.8	51.5	77.3	
227	64.3	52.2	78.2	





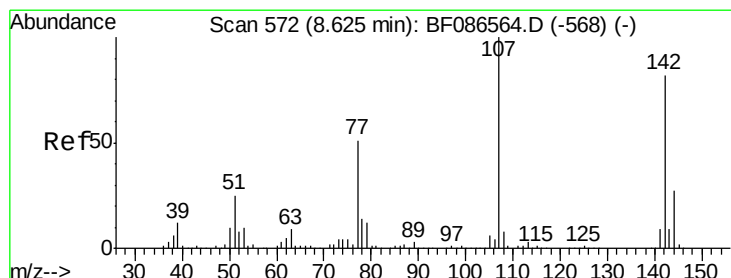
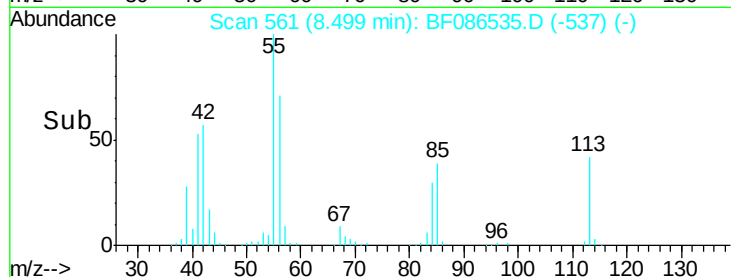
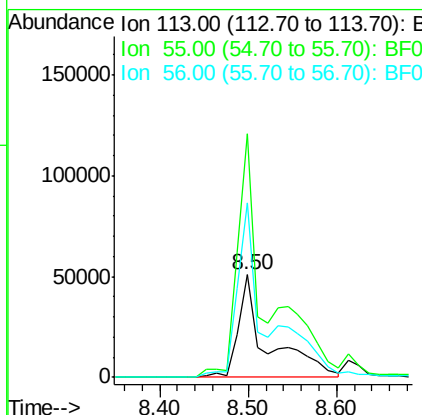
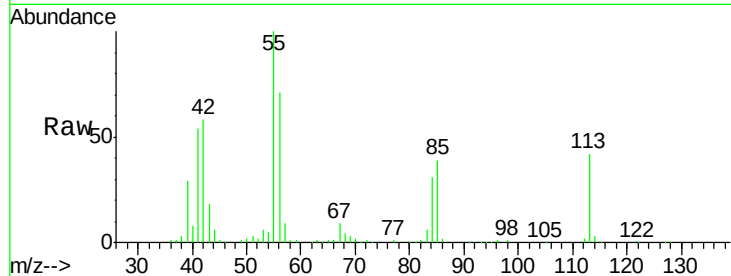
#35
 Caprolactam
 Concen: 42.46 ng m
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion:113 Resp: 115244
 Ion Ratio Lower Upper
 113 100
 55 237.9 162.0 202.0#
 56 170.1 115.3 155.3#

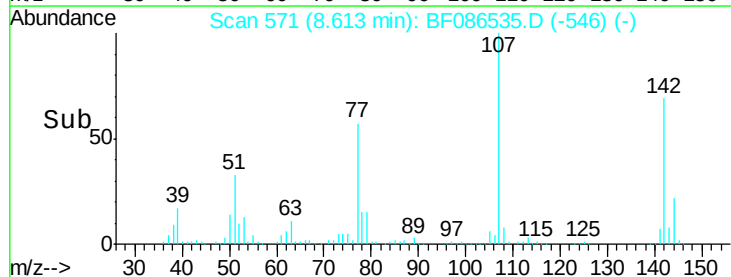
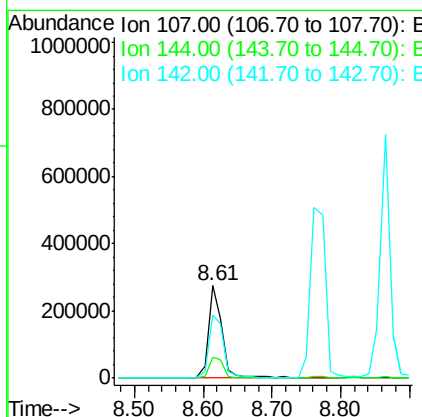
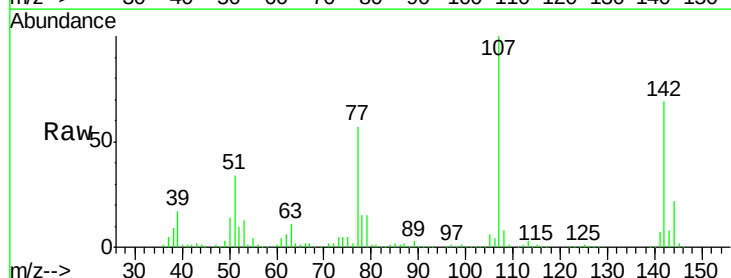
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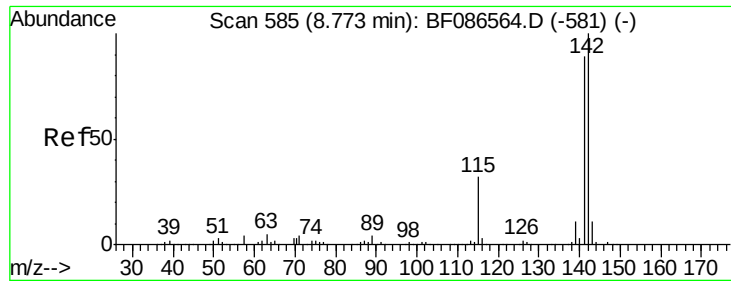
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#36
 4-Chloro-3-methylphenol
 Concen: 41.01 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion:107 Resp: 382051
 Ion Ratio Lower Upper
 107 100
 144 22.1 20.7 31.1
 142 68.9 63.2 94.8





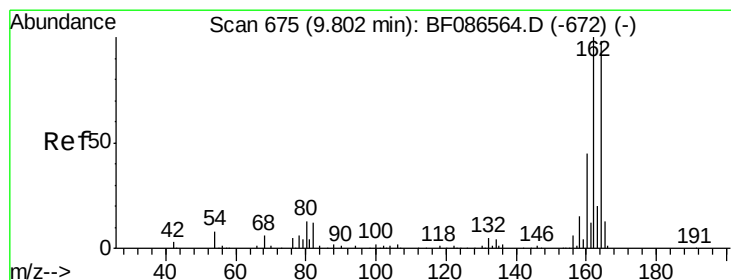
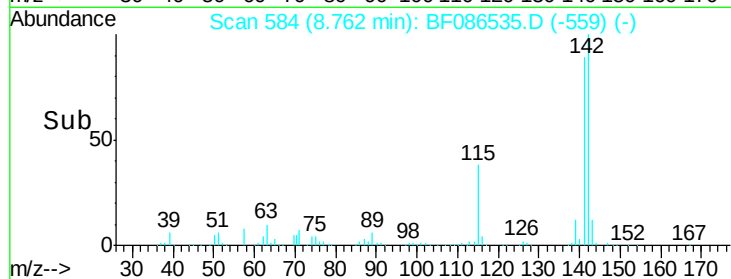
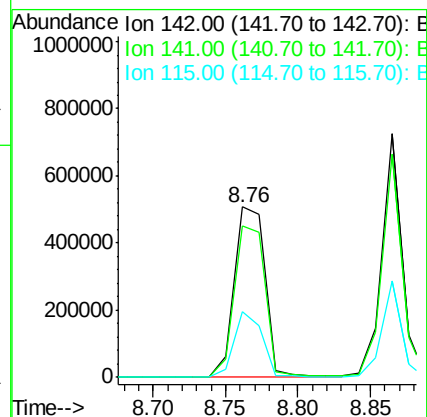
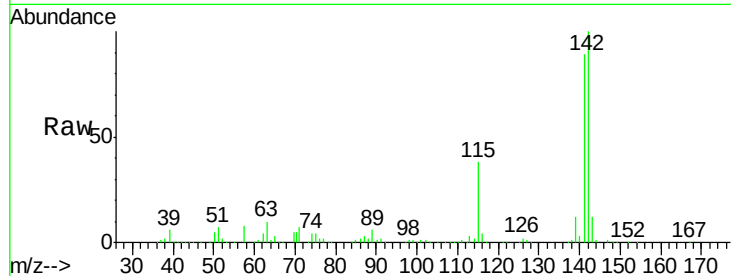
#37
 2-Methylnaphthalene
 Concen: 40.18 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion:	142	Resp:	754635
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.0	106.6
115	38.5	26.6	39.8

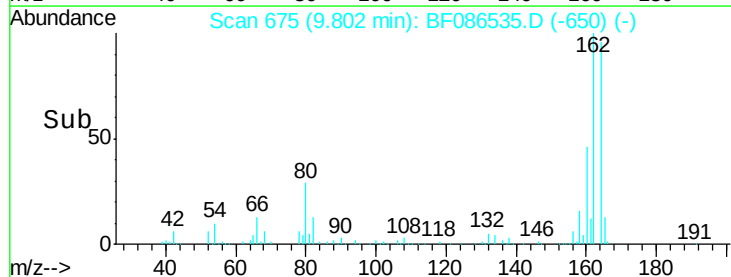
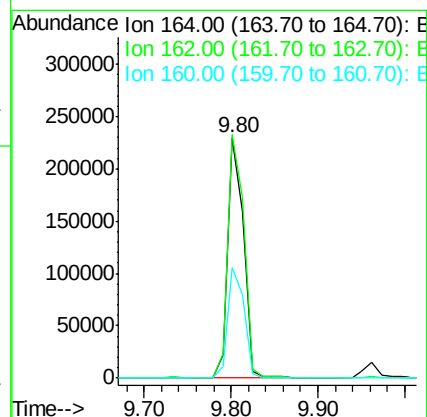
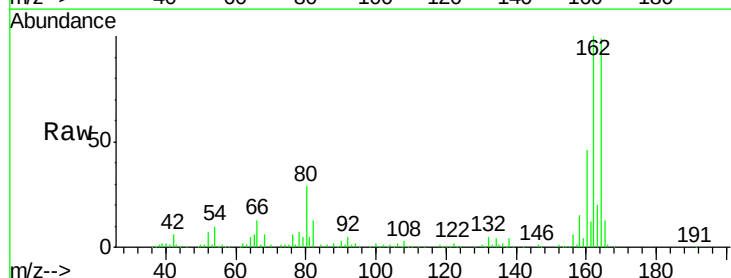
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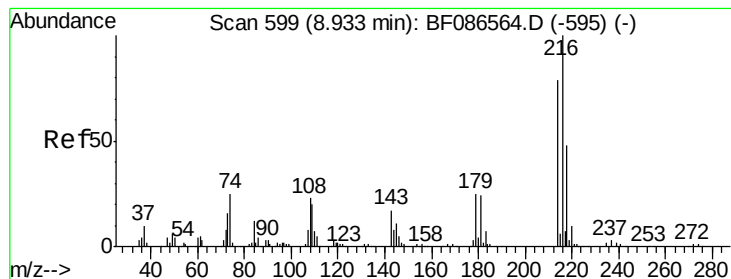
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion:	164	Resp:	292518
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.8	124.2
160	46.2	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.46 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086535.D

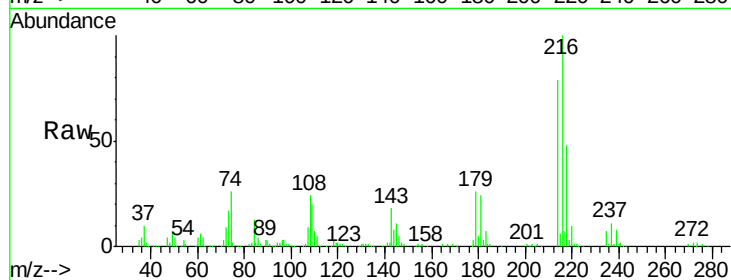
Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB90056BS



Tgt Ion: 216 Resp: 305287

Ion Ratio Lower Upper

216 100

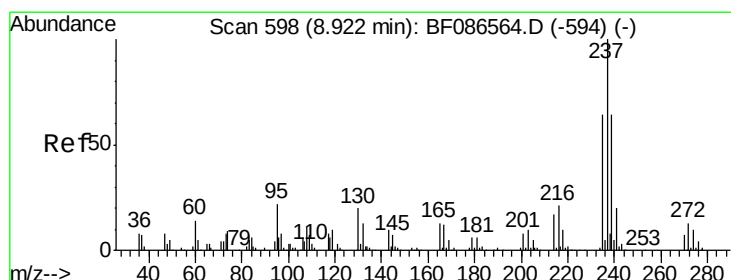
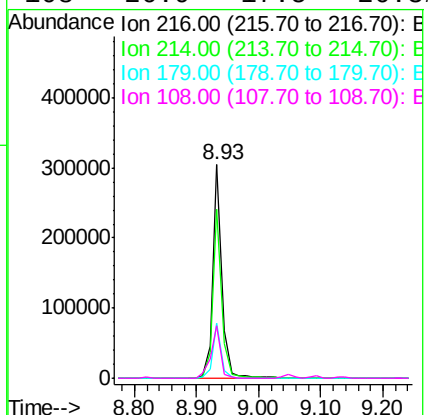
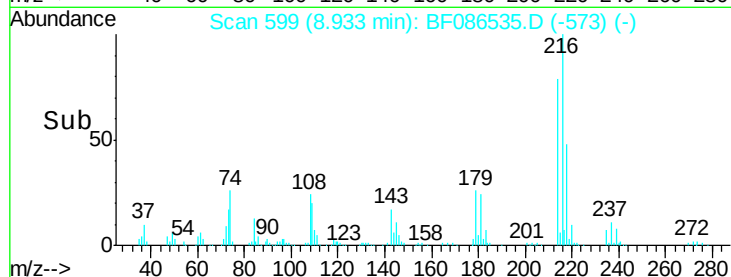
214 78.5 62.6 93.8

179 23.9 18.2 27.4

108 26.9 17.5 26.3#

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#40

Hexachlorocyclopentadiene

Concen: 74.90 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

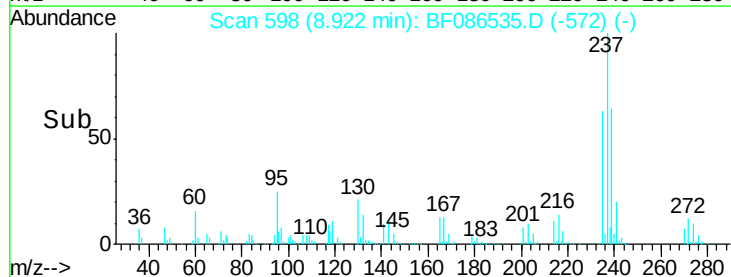
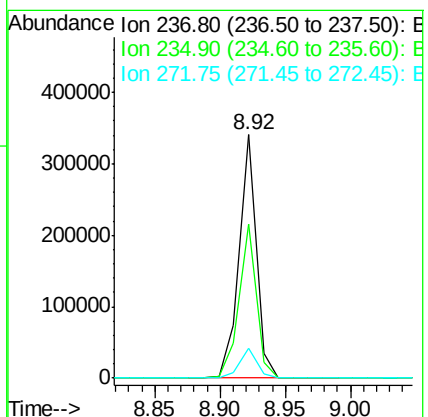
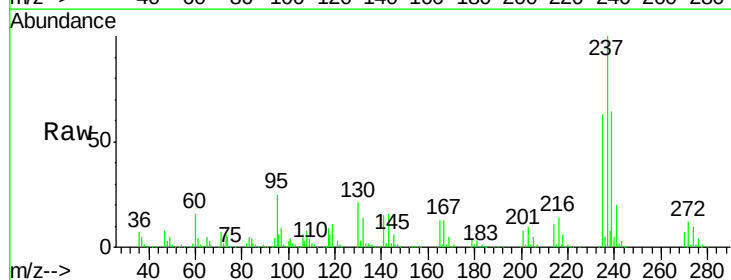
Tgt Ion: 237 Resp: 311656

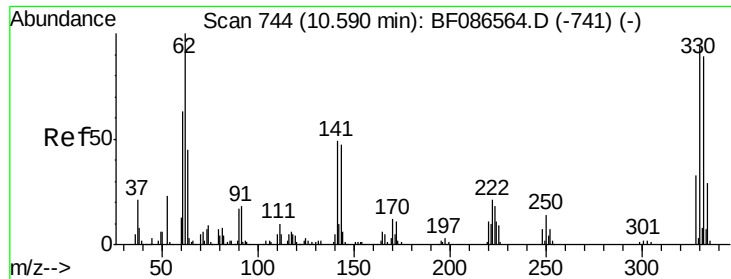
Ion Ratio Lower Upper

237 100

235 63.3 47.2 87.2

272 12.1 0.0 31.1





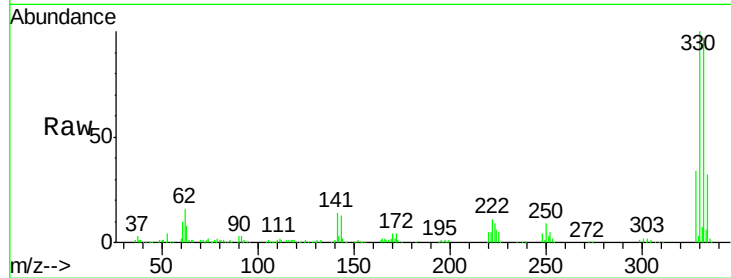
#41
 2,4,6-Tribromophenol
 Concen: 125.78 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

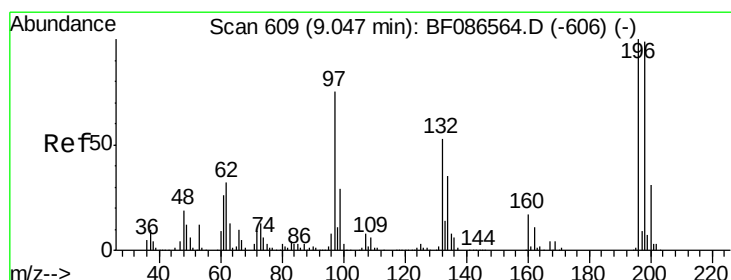
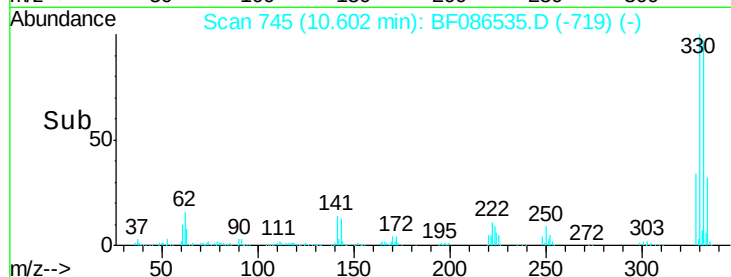
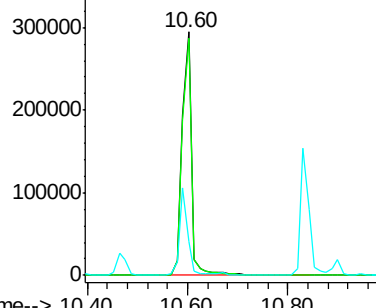
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	388009		
332	97.0	79.0	118.4	
141	30.5	31.2	46.8#	

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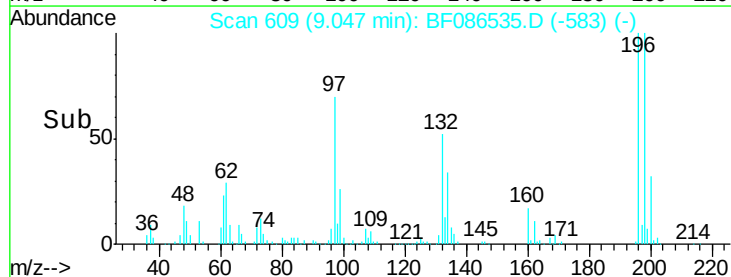
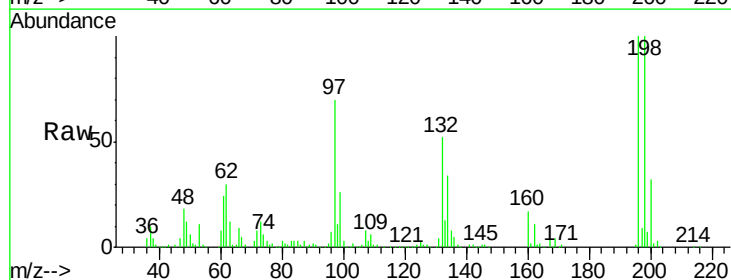
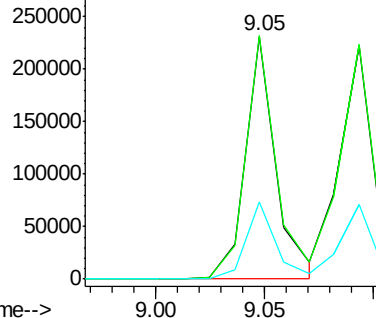
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

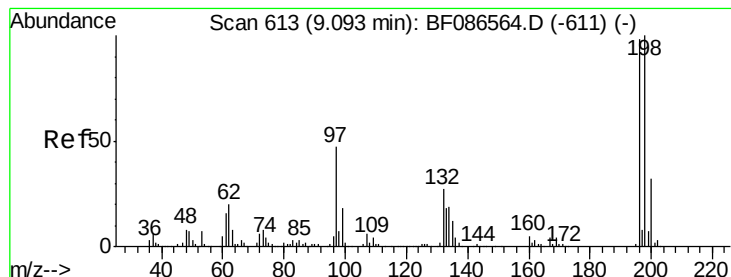


#42
 2,4,6-Trichlorophenol
 Concen: 43.07 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227966		
198	100.3	74.7	112.1	
200	31.7	23.8	35.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





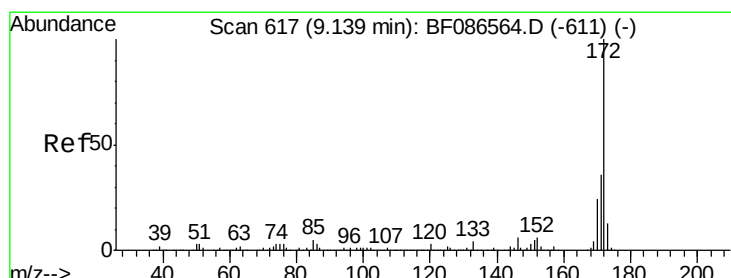
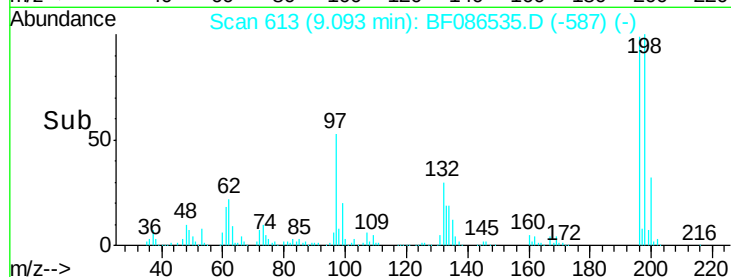
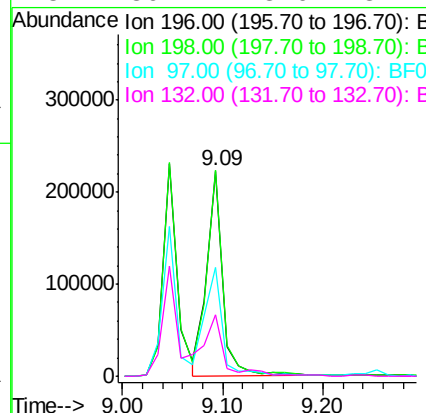
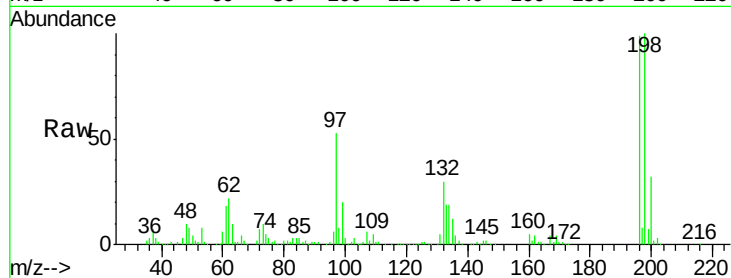
#43
 2,4,5-Trichlorophenol
 Concen: 42.57 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245557		
198	100.7	77.5	116.3	
97	53.1	34.8	52.2	
132	30.1	23.0	34.4	

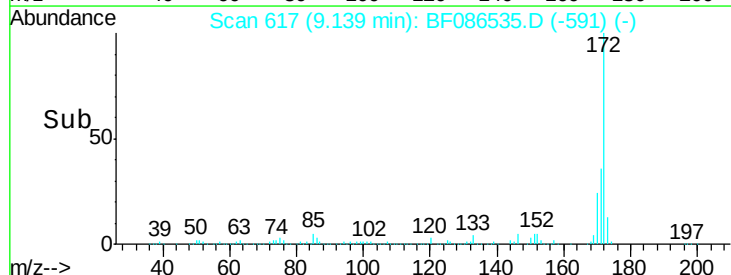
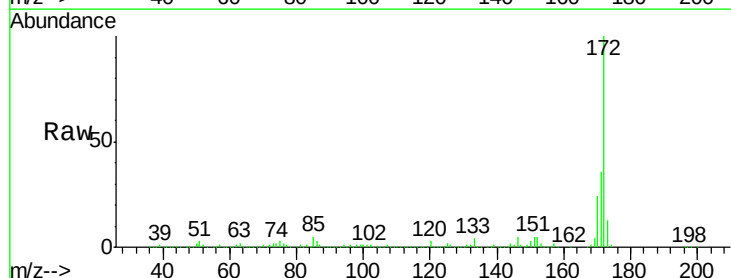
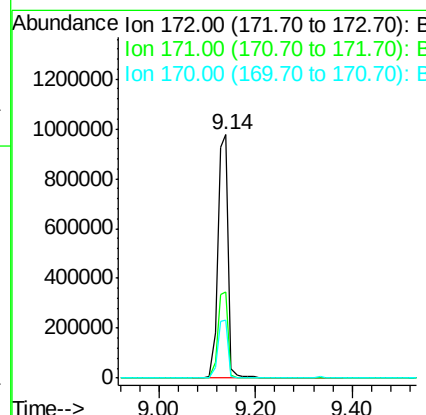
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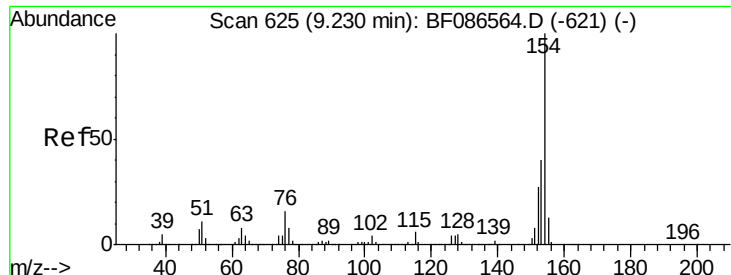
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#44
 2-Fluorobiphenyl
 Concen: 90.27 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1488962		
171	35.5	29.0	43.6	
170	24.0	19.8	29.8	





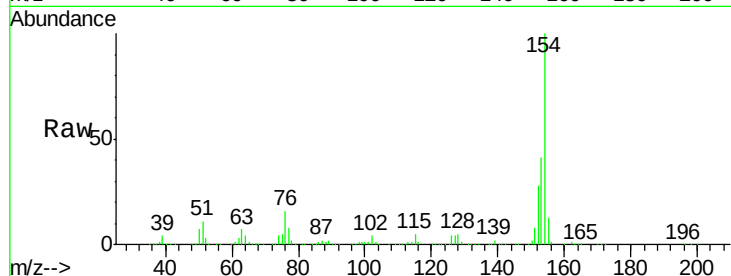
#45
 1,1'-Biphenyl
 Concen: 37.67 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

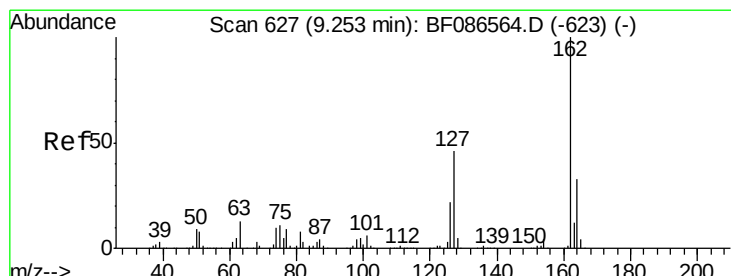
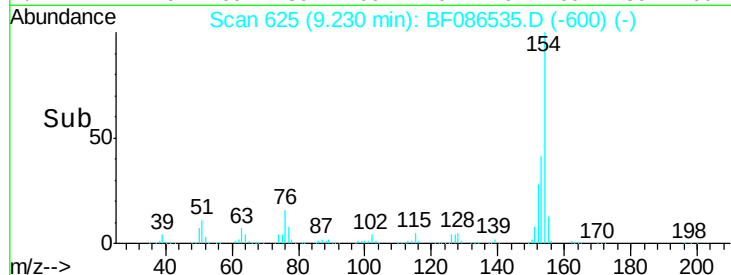
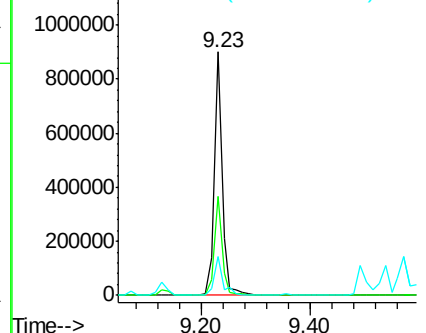
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	920985		
153	40.8	20.3	60.3	
76	15.8	0.0	30.2	

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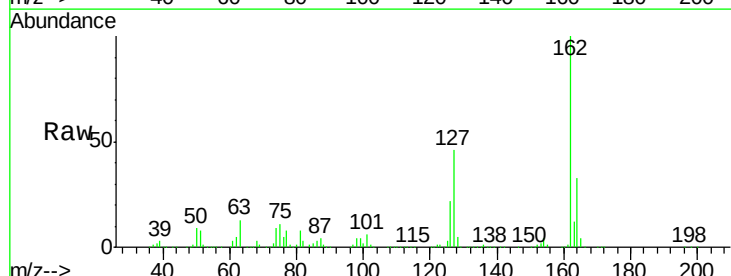


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

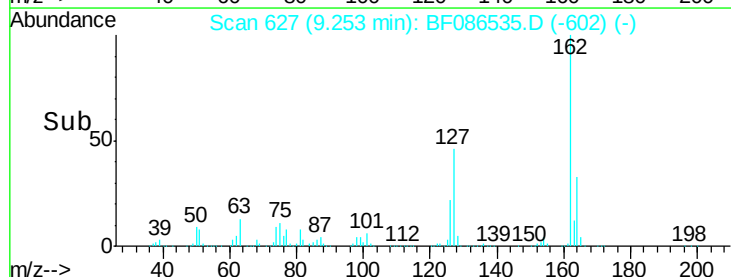
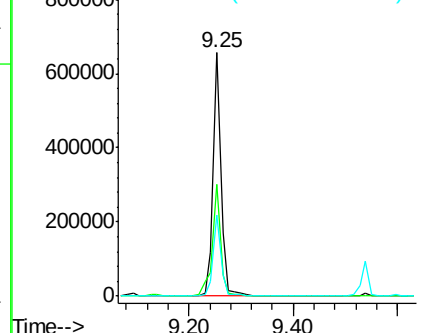


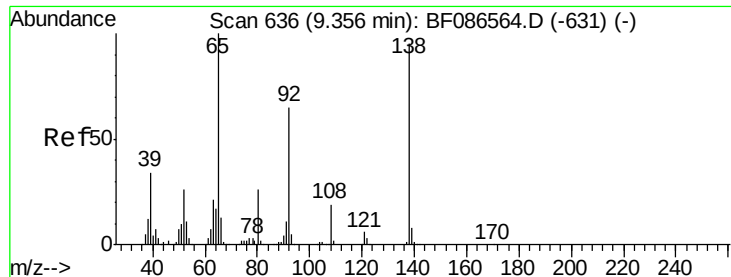
#46
 2-Chloronaphthalene
 Concen: 37.47 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	696506		
127	45.9	31.8	47.6	
164	33.3	27.0	40.6	



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





#47

2-Nitroaniline

Concen: 49.72 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

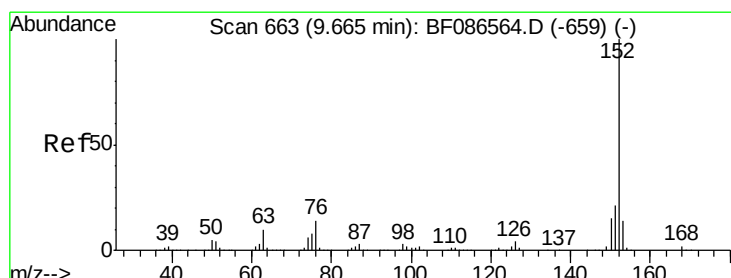
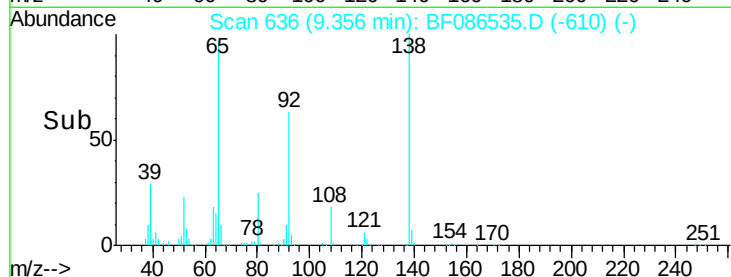
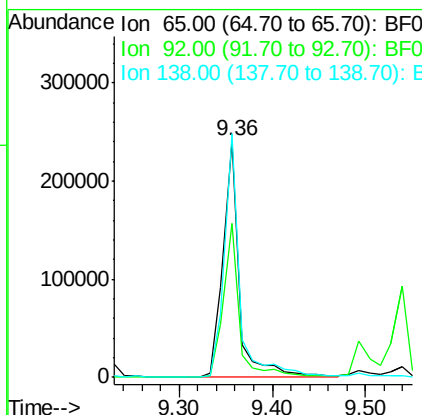
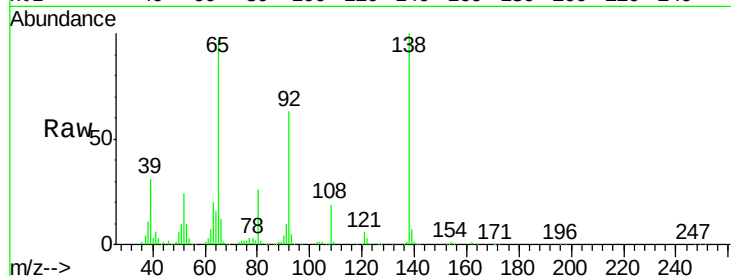
ClientSampleId :

PB90056BS

Tgt Ion:	65	Resp:	296383
Ion Ratio	Lower	Upper	
65	100		
92	65.1	57.4	86.2
138	102.9	90.1	135.1

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#48

Acenaphthylene

Concen: 38.09 ng

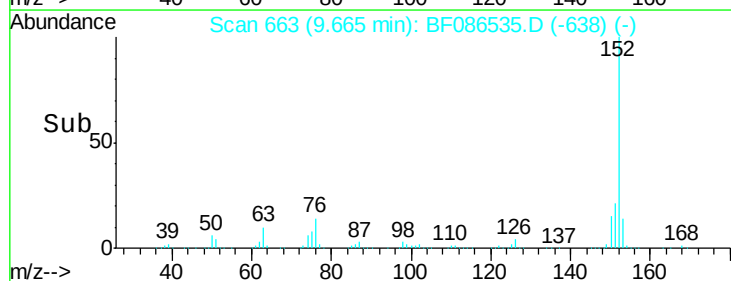
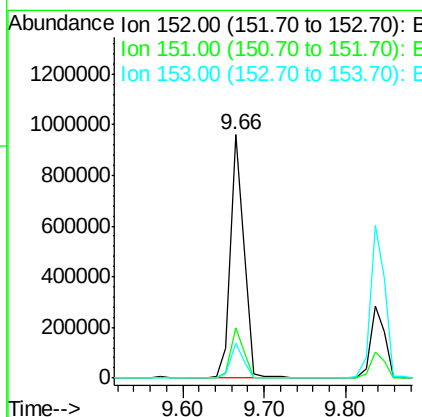
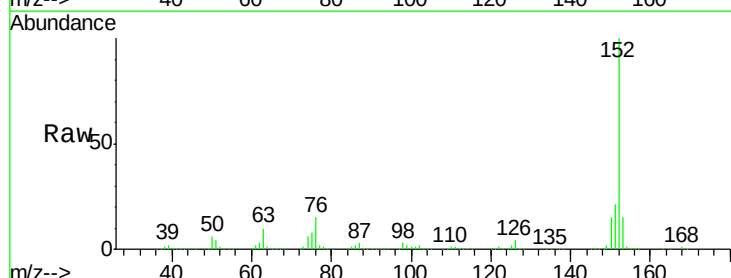
RT: 9.66 min Scan# 663

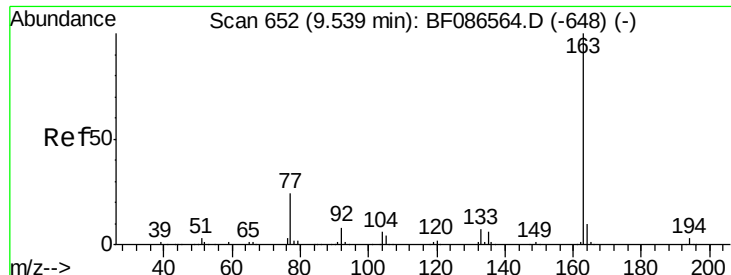
Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion:	152	Resp:	1106920
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	14.5	10.9	16.3





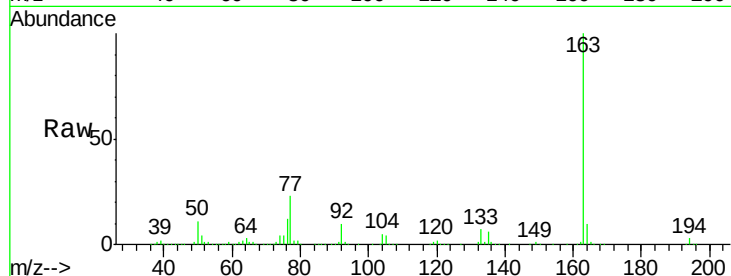
#49
Dimethylphthalate
Concen: 40.43 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

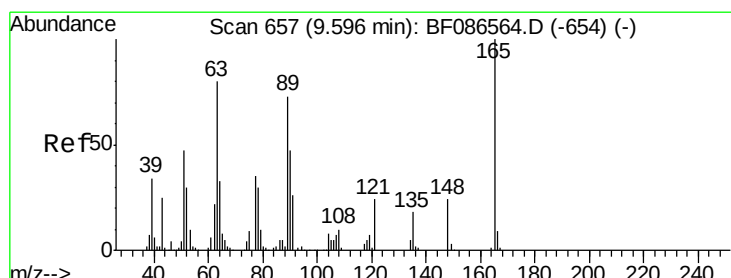
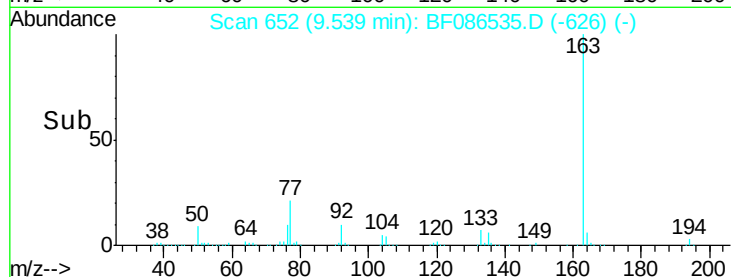
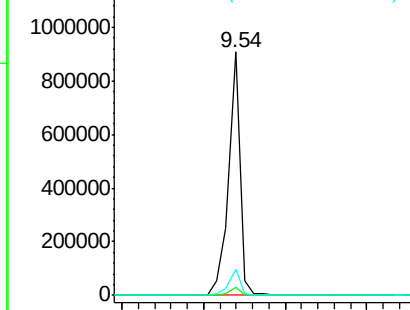
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	890261		
194	3.3	2.6	4.0	
164	10.5	8.2	12.4	

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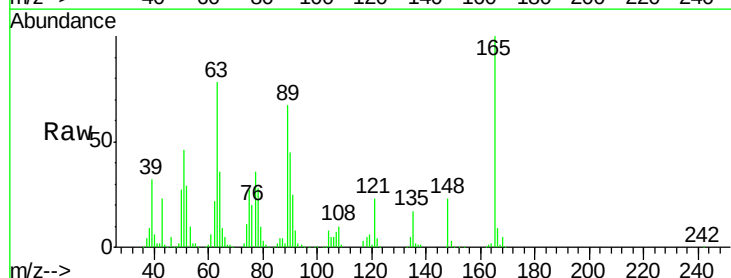


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

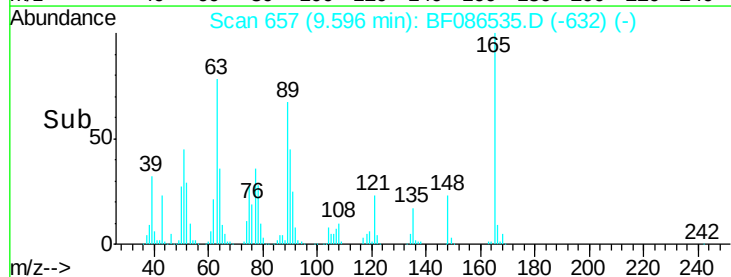
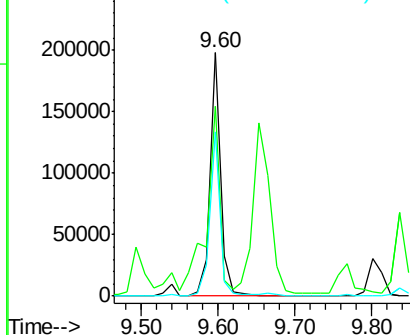


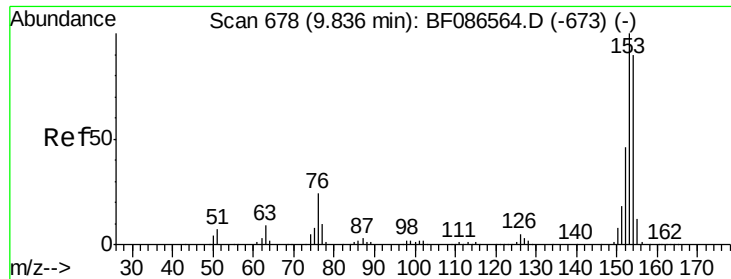
#50
2,6-Dinitrotoluene
Concen: 41.79 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190126		
63	78.2	51.8	77.8#	
89	67.3	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: 42.55 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086535.D

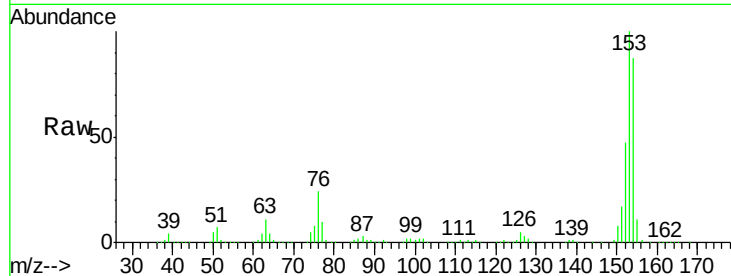
Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

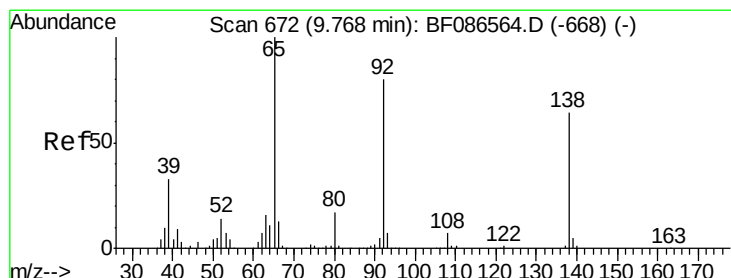
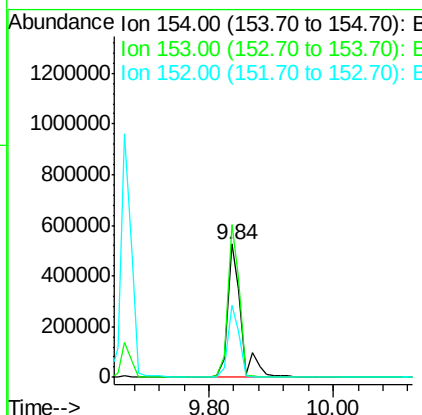
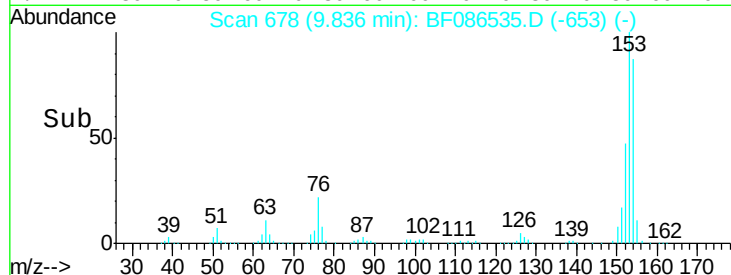
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Tgt Ion:	154	Resp:	794257
Ion Ratio	Lower	Upper	
154	100		
153	114.8	89.8	134.6
152	53.7	43.4	65.0

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#52

3-Nitroaniline

Concen: 34.30 ng

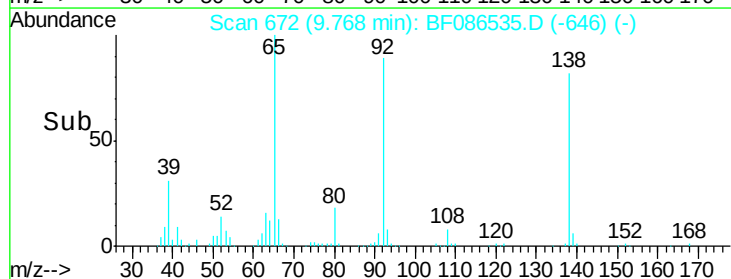
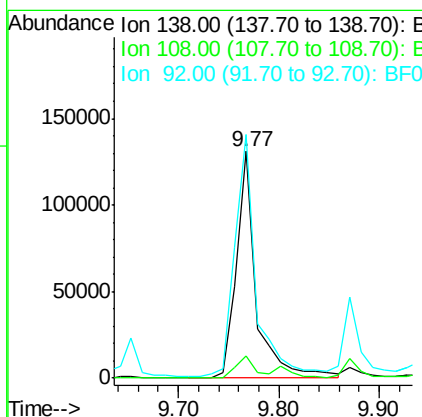
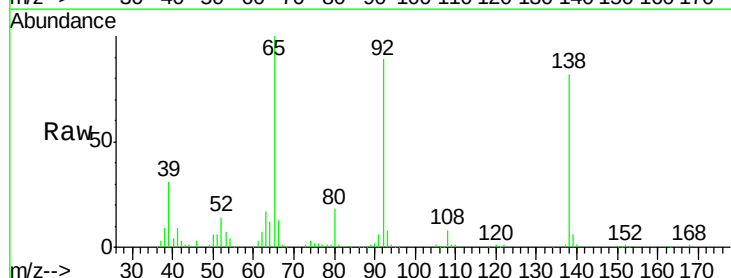
RT: 9.77 min Scan# 672

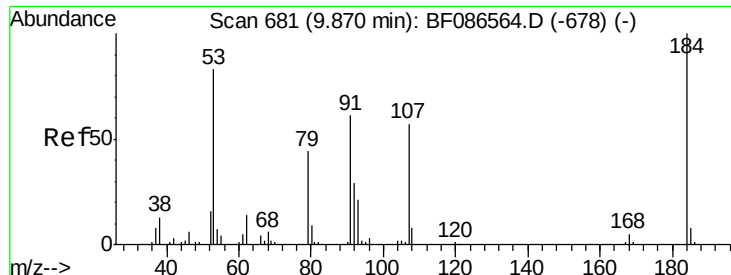
Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

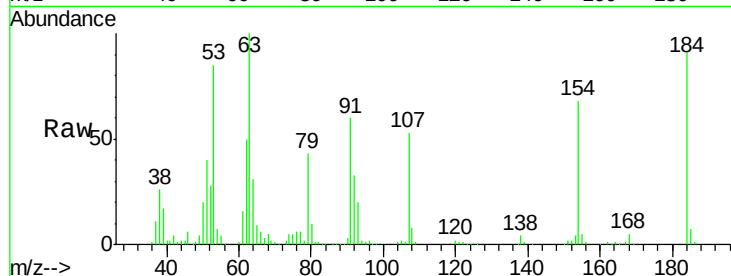
Tgt Ion:	138	Resp:	177468
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.8	11.6
92	107.5	87.8	131.8





#53
 2,4-Dinitrophenol
 Concen: 74.48 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

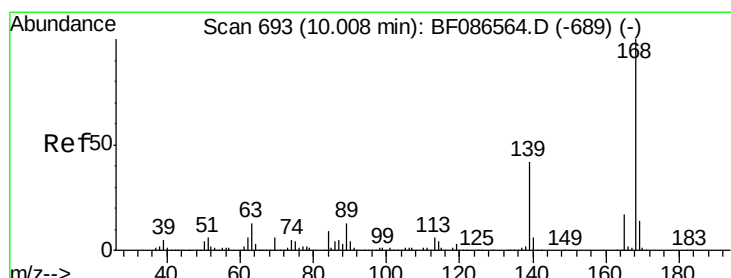
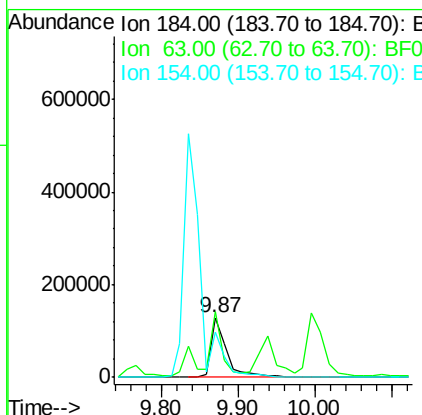
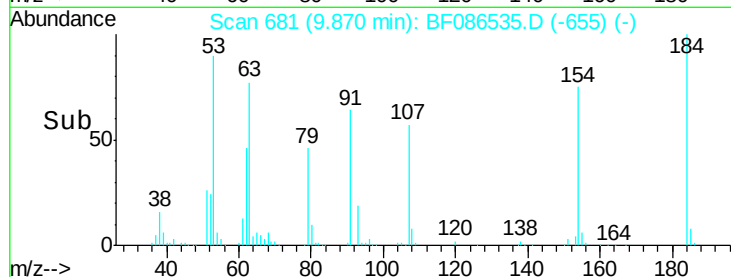
Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	183786		
63	110.4	55.8	83.8#	
154	75.1	62.4	93.6	

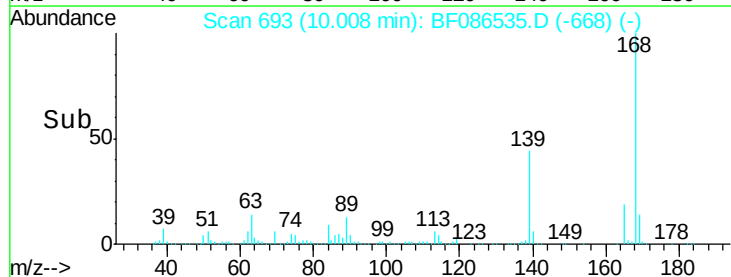
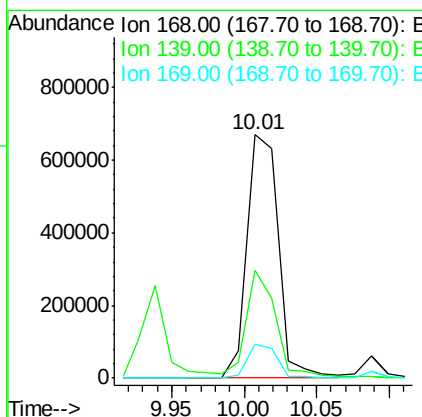
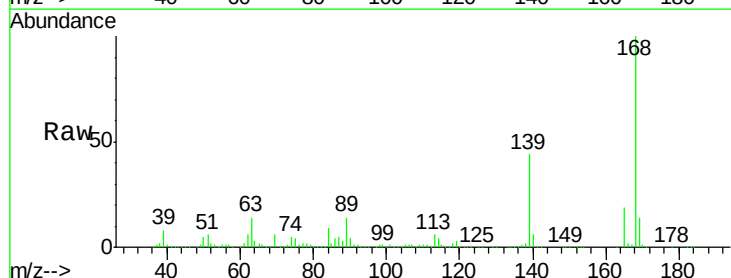
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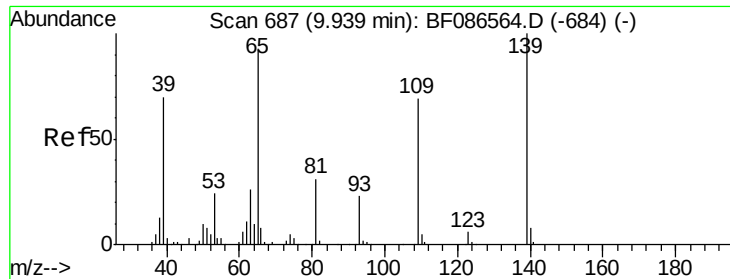
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#54
 Dibenzofuran
 Concen: 43.25 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1008861		
139	44.2	31.4	47.0	
169	13.8	10.7	16.1	





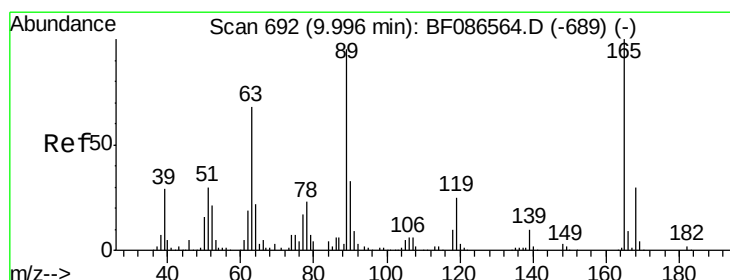
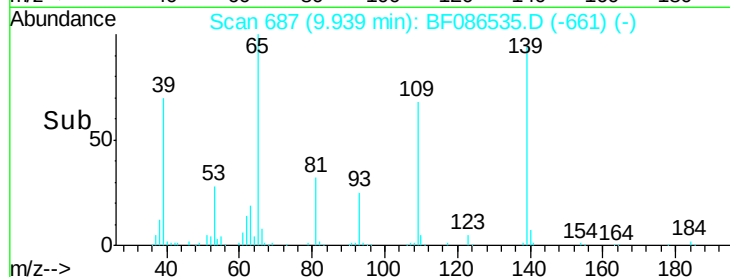
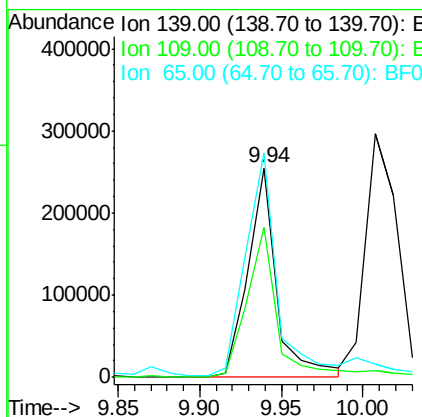
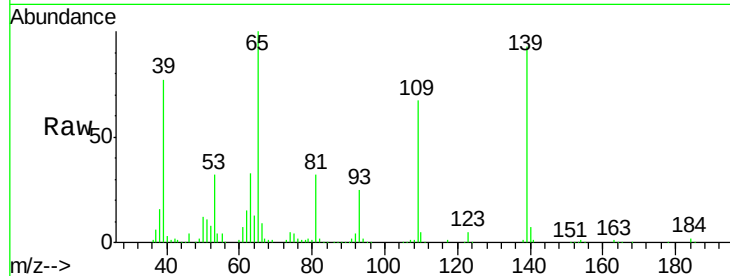
#55
4-Nitrophenol
Concen: 92.08 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	311957		
109	72.0	36.9	76.9	
65	107.2	64.0	104.0	

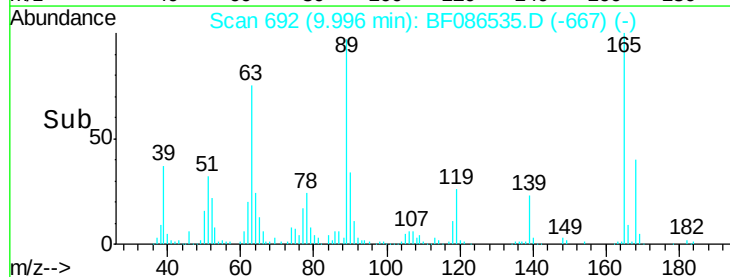
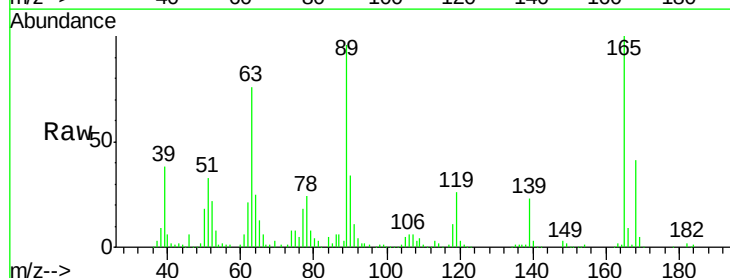
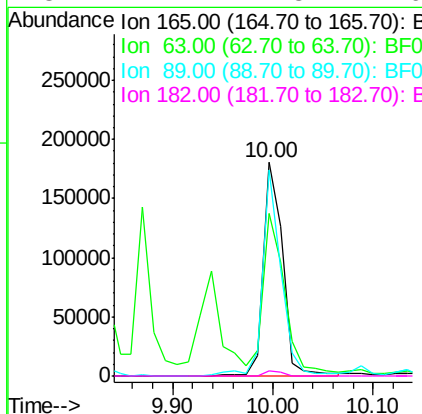
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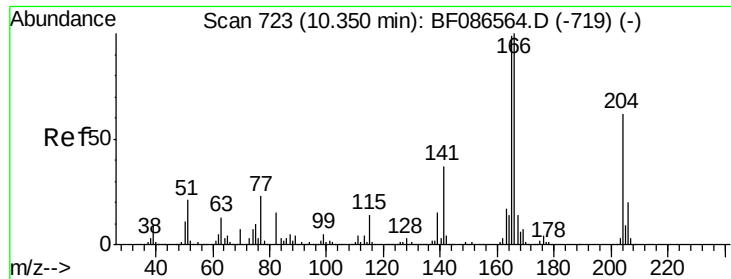
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#56
2,4-Dinitrotoluene
Concen: 41.42 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	240229		
63	76.2	44.3	66.5	
89	96.5	70.0	105.0	
182	2.2	1.8	2.6	





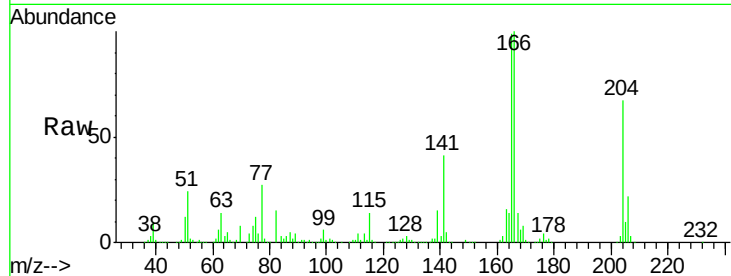
#57
 Fluorene
 Concen: 35.52 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	719493		
165	98.7	79.0	118.6	
167	14.2	10.6	15.8	

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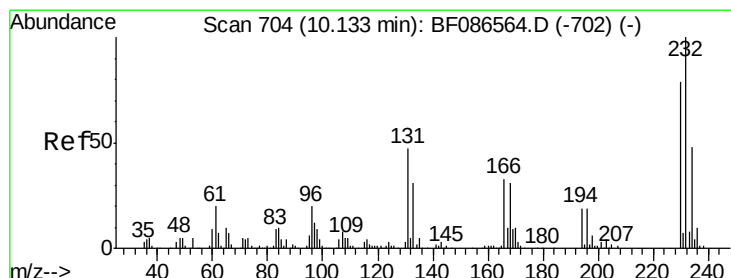
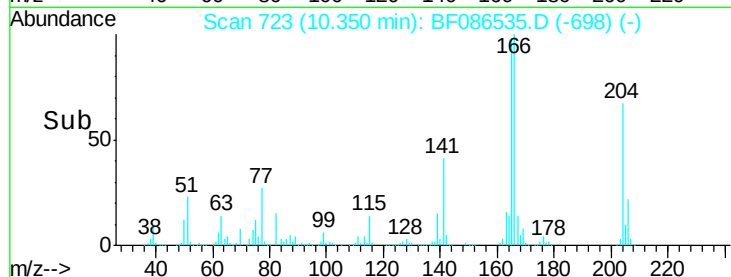
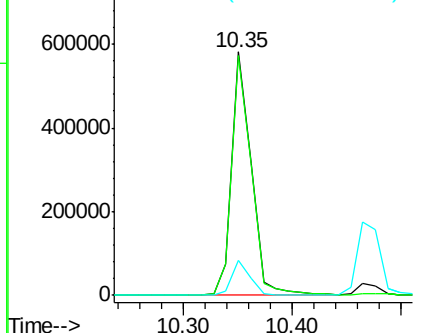


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.57 ng
 RT: 10.13 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	214565		
131	50.3	41.9	62.9	
130	2.4	2.2	3.4	
166	31.1	26.8	40.2	

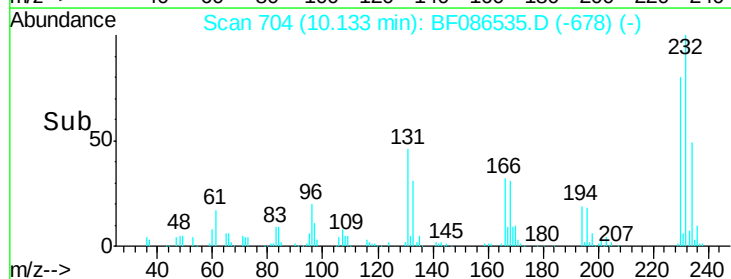
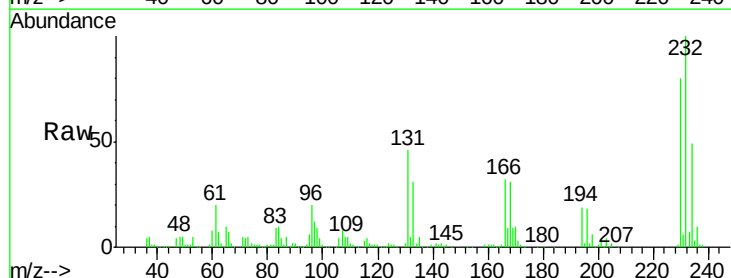
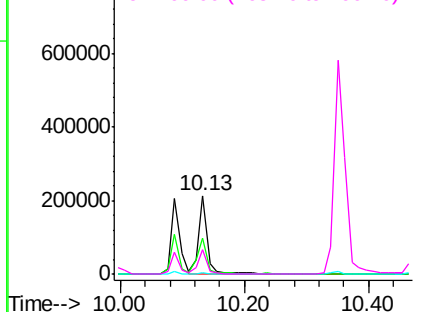
Abundance

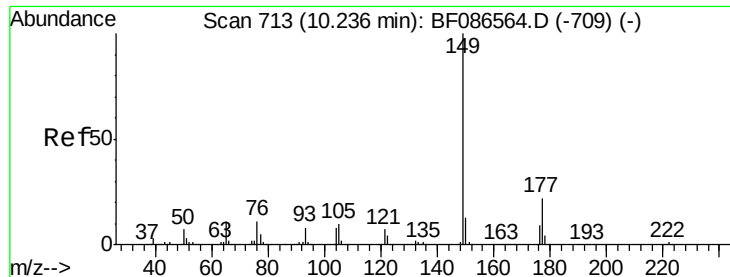
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





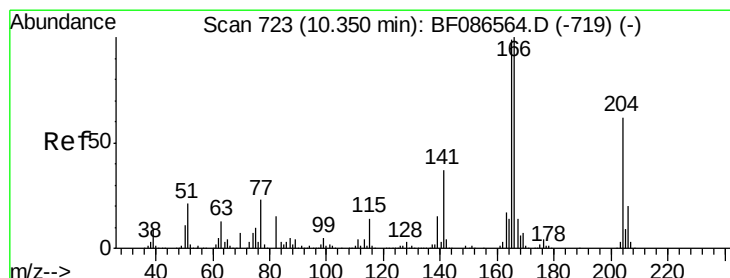
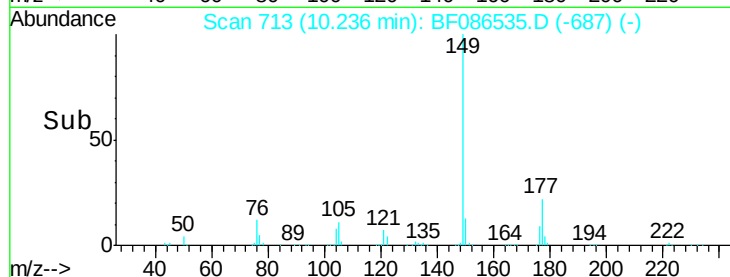
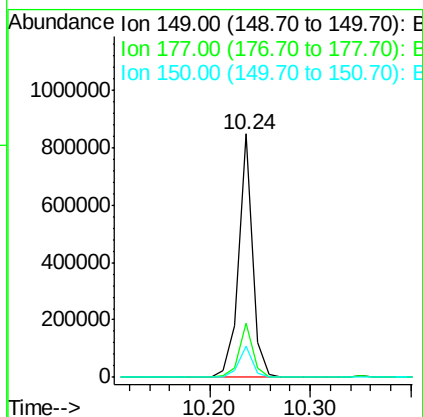
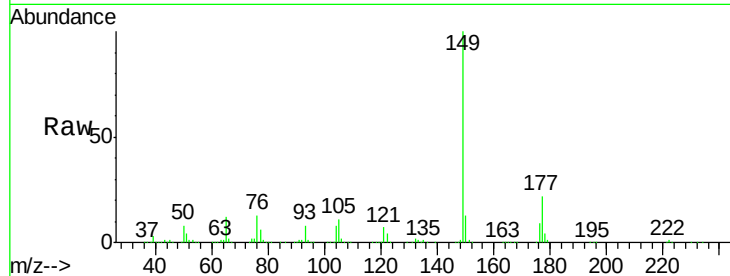
#59
Diethylphthalate
Concen: 39.29 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	819138		
177	22.1	16.6	24.8	
150	12.8	10.0	15.0	

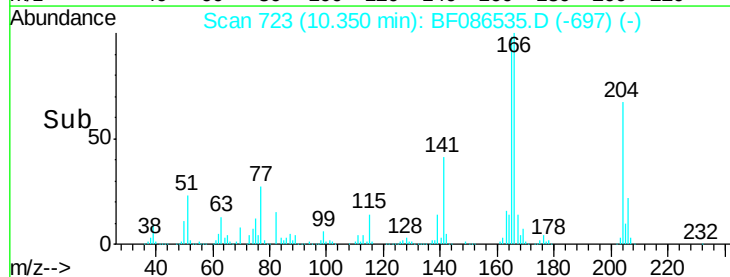
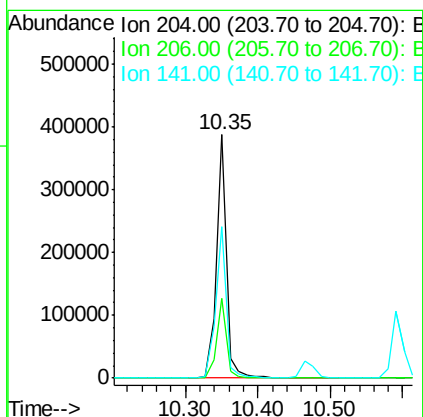
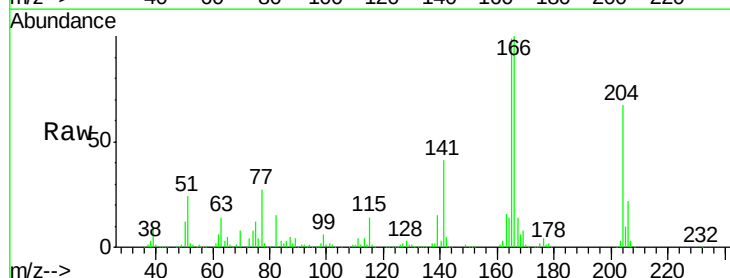
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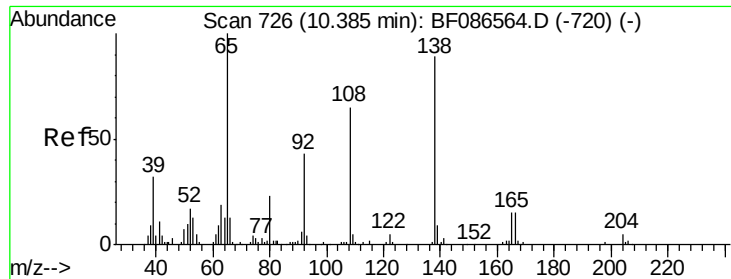
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#60
4-Chlorophenyl-phenylether
Concen: 40.64 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	373712		
206	33.0	25.4	38.0	
141	62.2	61.6	92.4	





#61

4-Nitroaniline

Concen: 45.66 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

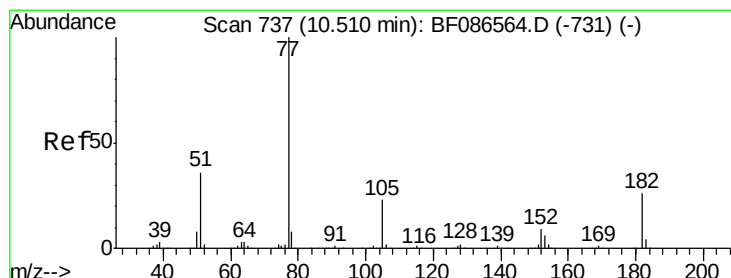
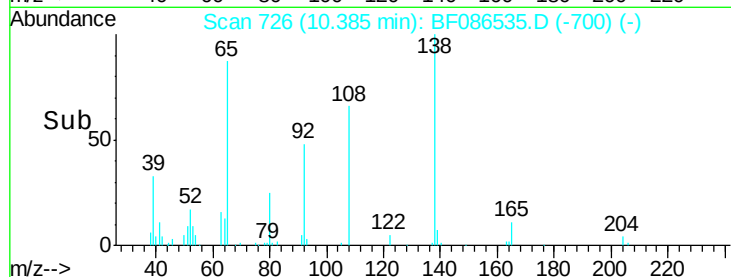
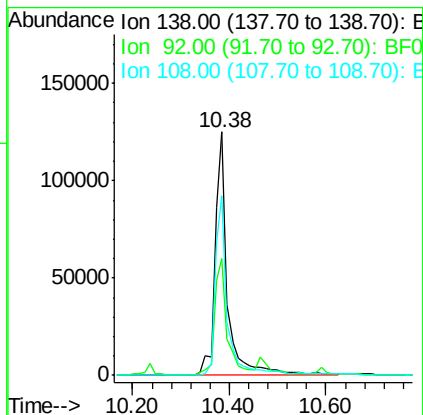
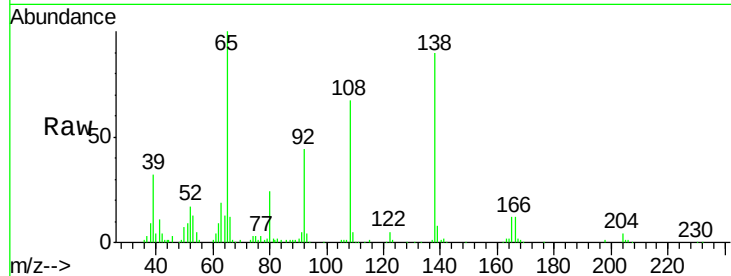
ClientSampleId :

PB90056BS

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Tgt Ion:	138	Resp:	230919
Ion Ratio	Lower	Upper	
138	100		
92	48.2	24.7	64.7
108	73.9	37.4	77.4



#62

Azobenzene

Concen: 45.03 ng

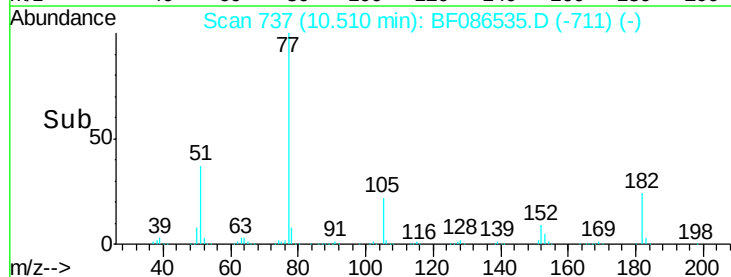
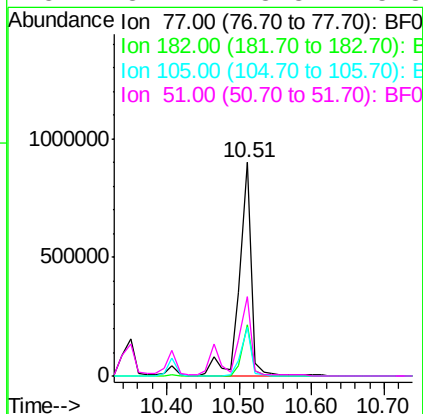
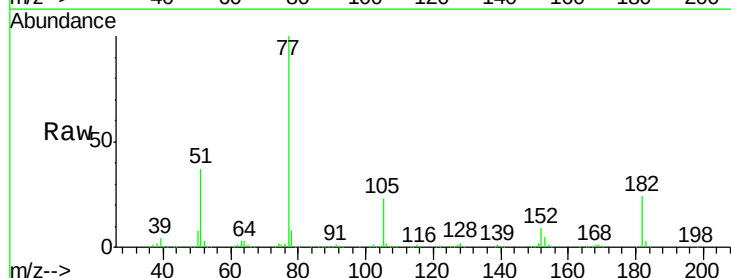
RT: 10.51 min Scan# 737

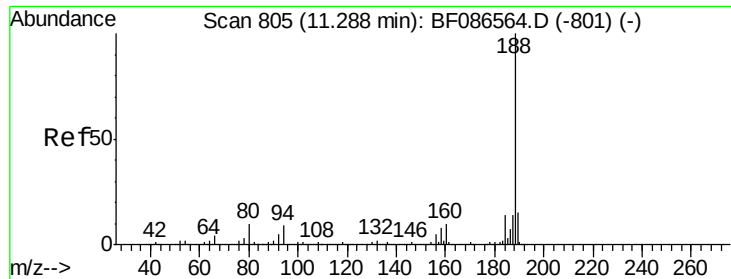
Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion:	77	Resp:	1028313
Ion Ratio	Lower	Upper	
77	100		
182	24.2	0.0	38.8
105	22.7	3.2	43.2
51	37.4	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

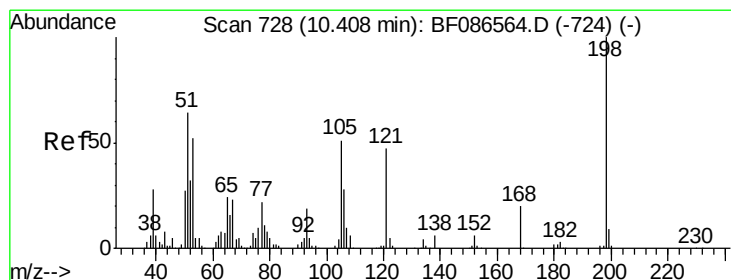
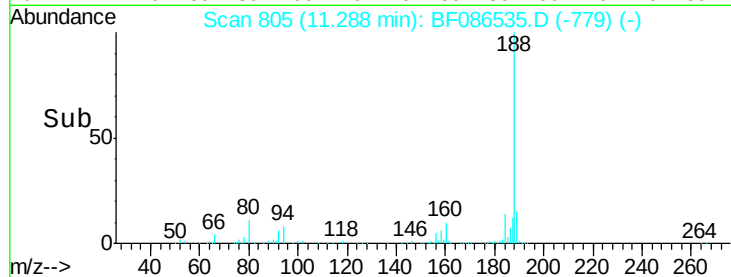
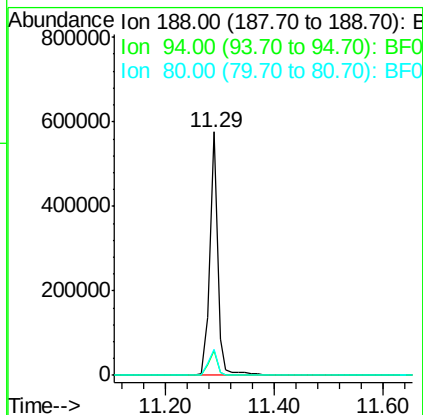
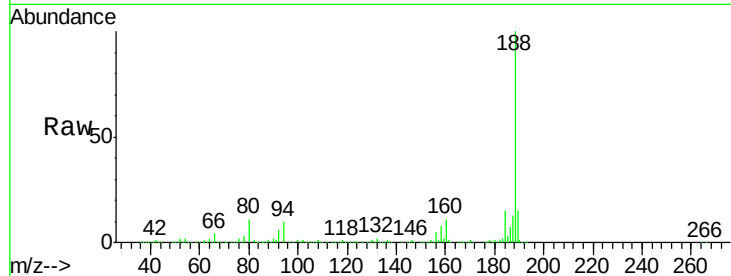
ClientSampleId :

PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	588412		
94	10.2	6.8	10.2#	
80	10.8	7.1	10.7#	

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.35 ng

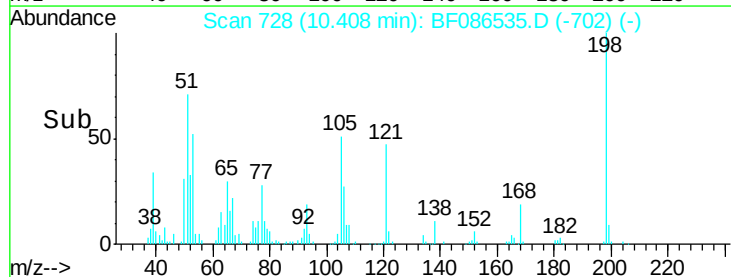
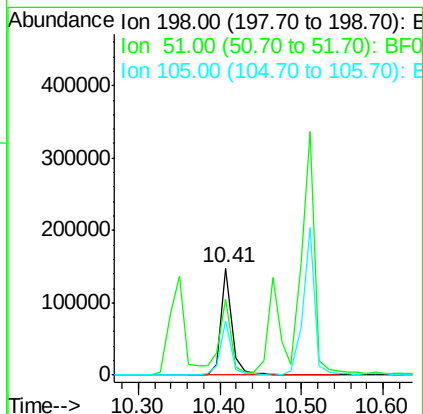
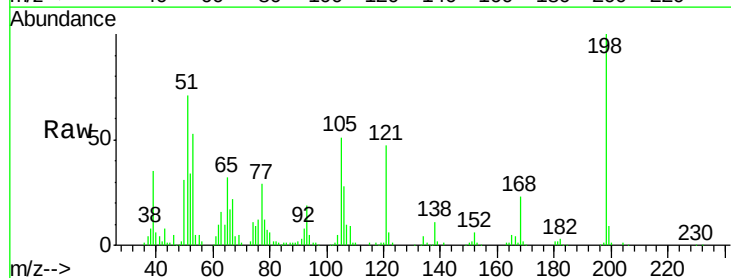
RT: 10.41 min Scan# 728

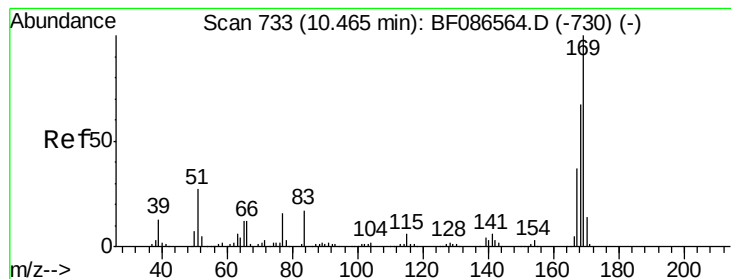
Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	139367		
51	71.3	20.5	60.5#	
105	50.9	24.5	64.5	





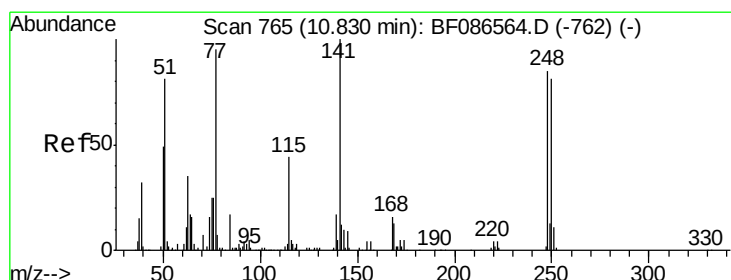
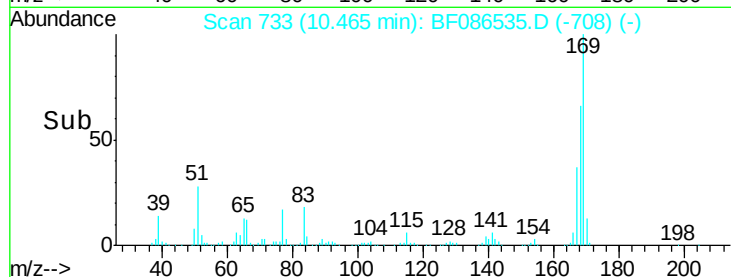
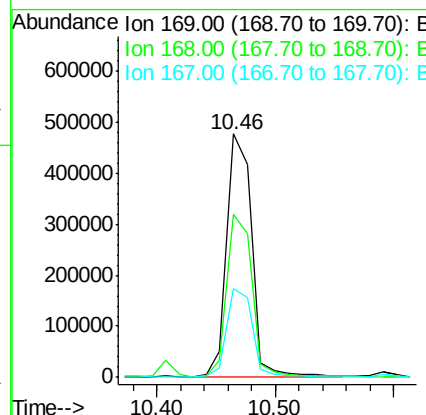
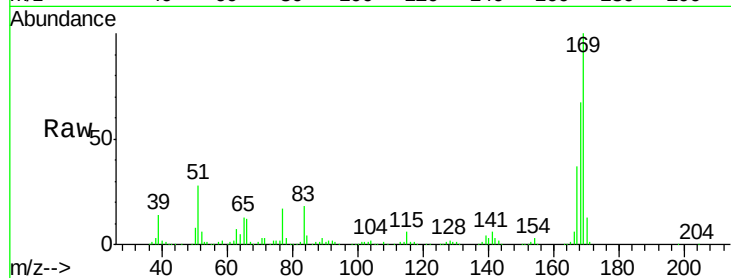
#65
 n-Nitrosodiphenylamine
 Concen: 37.77 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	694497		
168	66.9	53.8	80.6	
167	36.7	29.5	44.3	

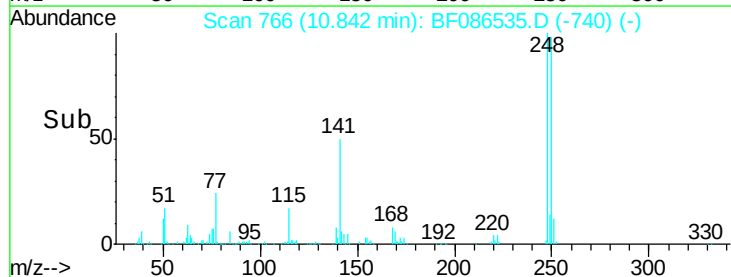
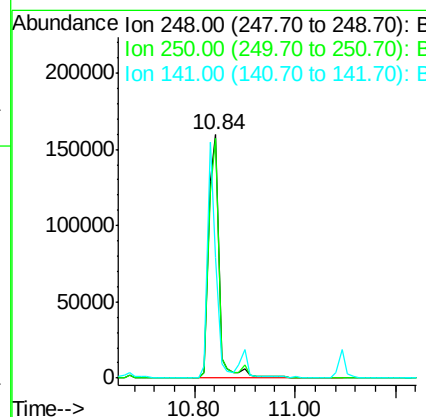
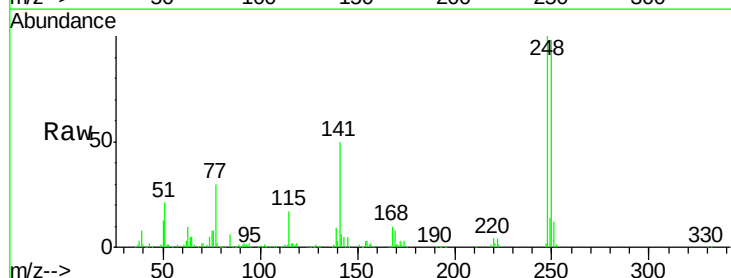
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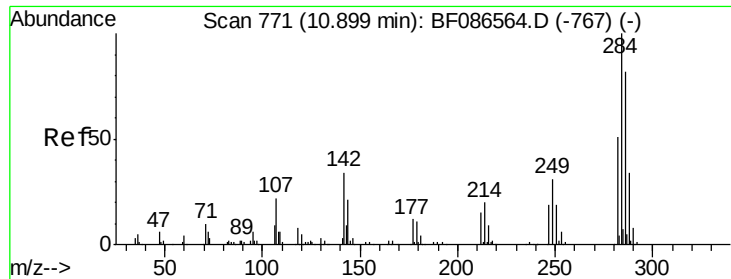
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#66
 4-Bromophenyl-phenylether
 Concen: 38.16 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	231392		
250	98.2	78.6	117.8	
141	49.8	76.0	114.0	





#67

Hexachlorobenzene

Concen: 36.37 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

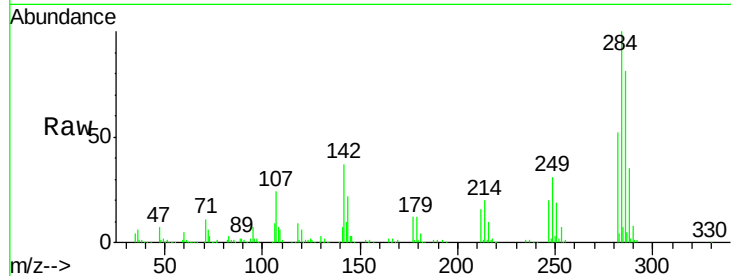
ClientSampleId :

PB90056BS

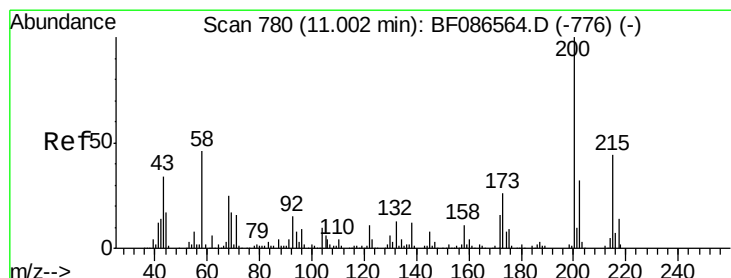
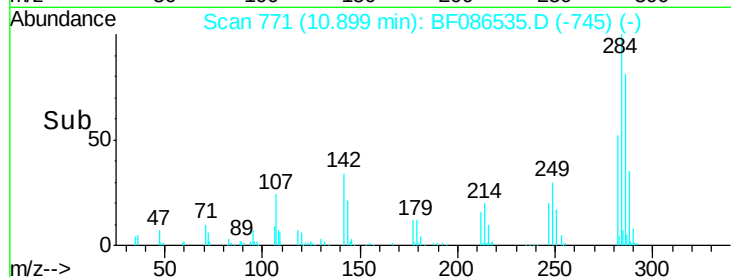
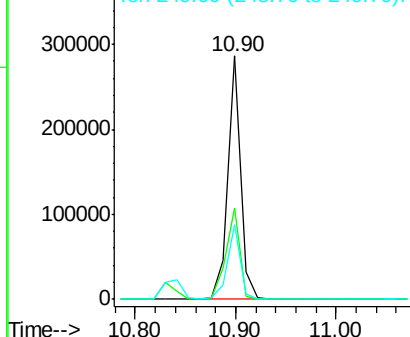
Tgt Ion:	284	Resp:	255223
Ion Ratio	Lower	Upper	
284	100		
142	37.3	16.7	25.1#
249	30.9	21.3	31.9

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



#68

Atrazine

Concen: 45.60 ng

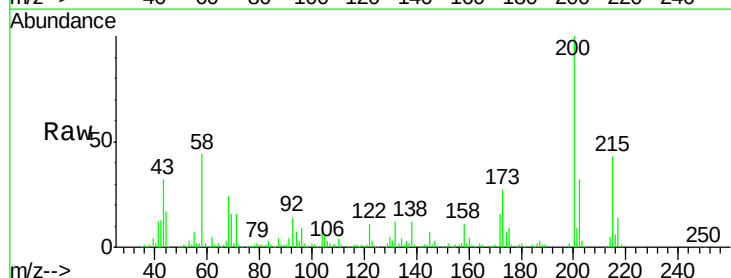
RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

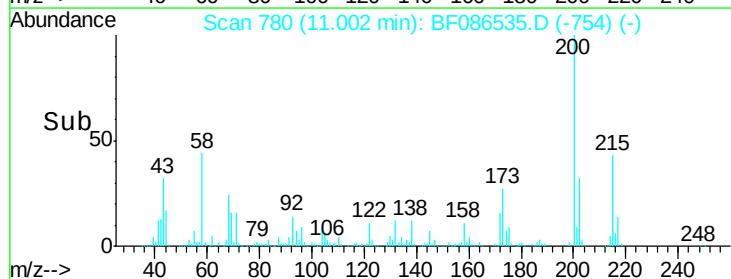
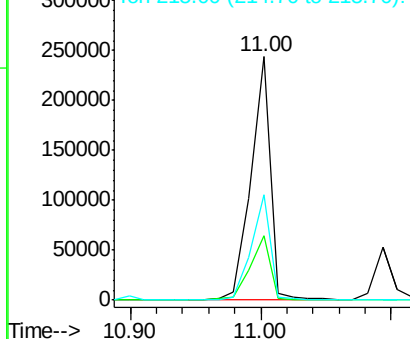
Lab File: BF086535.D

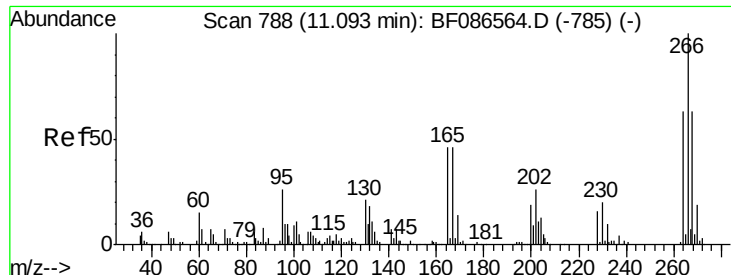
Acq: 30 Apr 2016 20:40

Tgt Ion:	200	Resp:	251828
Ion Ratio	Lower	Upper	
200	100		
173	26.5	8.5	48.5
215	43.0	27.2	67.2



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





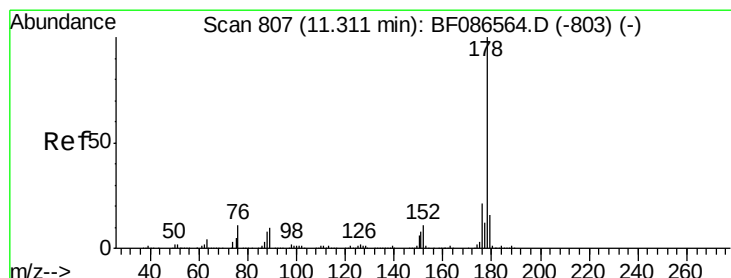
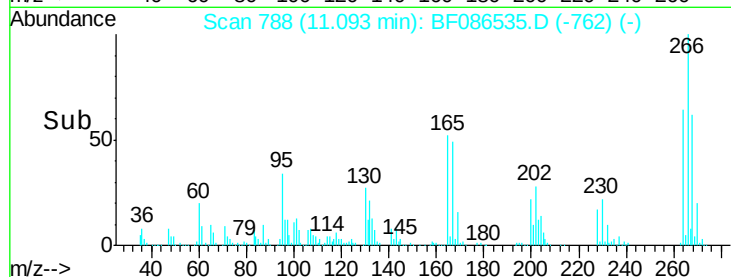
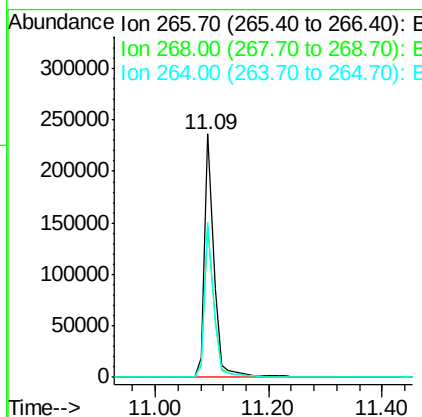
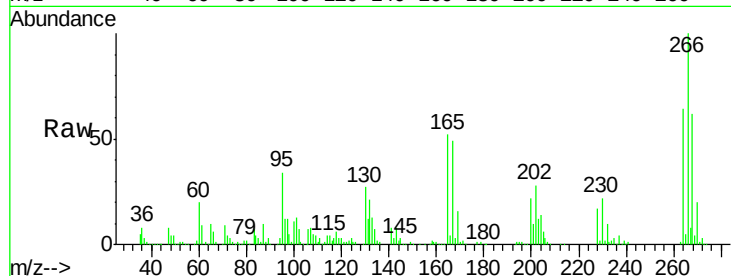
#69
 Pentachlorophenol
 Concen: 71.58 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	264876		
268	62.1	51.5	77.3	
264	64.0	52.9	79.3	

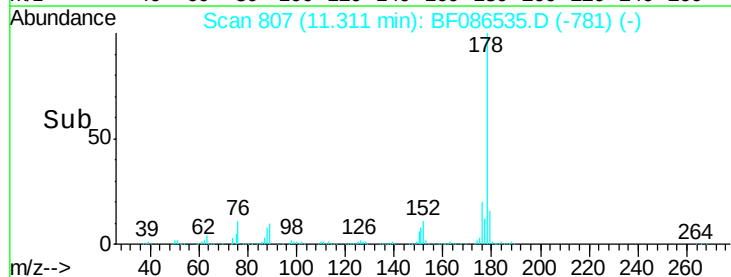
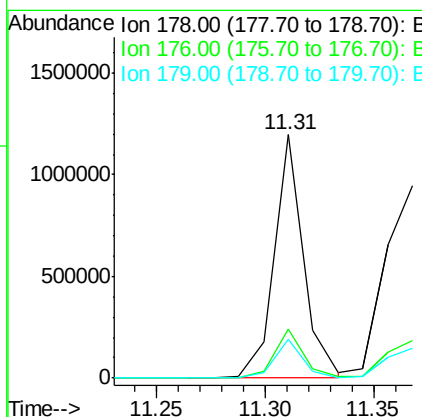
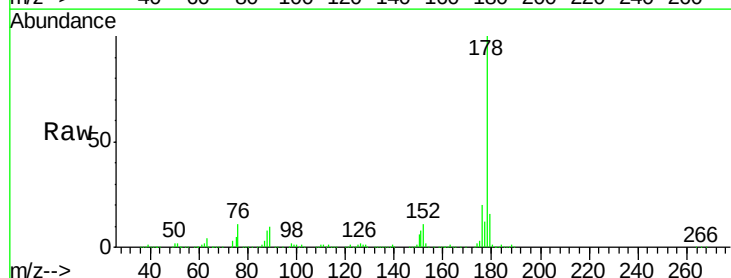
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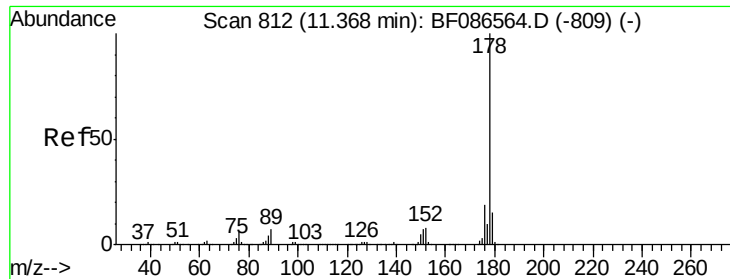
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#70
 Phenanthrene
 Concen: 36.61 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1130573		
176	20.3	16.0	24.0	
179	15.8	12.6	18.8	





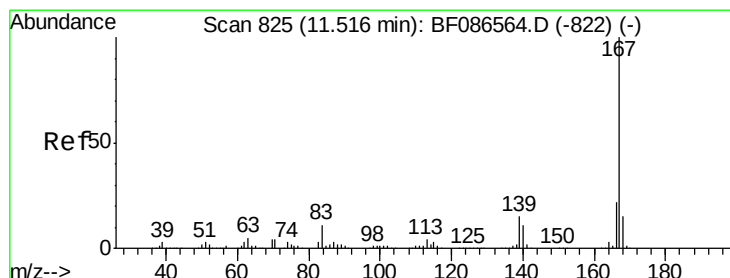
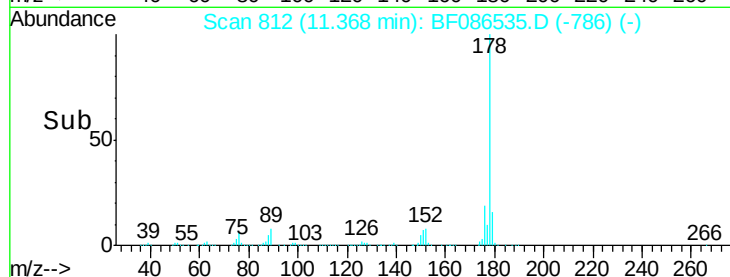
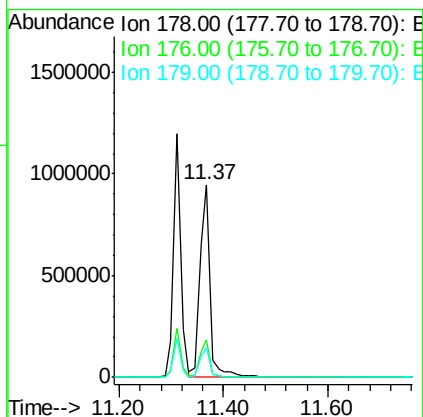
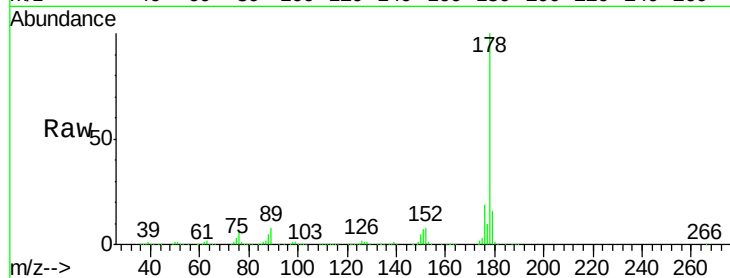
#71
 Anthracene
 Concen: 39.27 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion:178 Resp: 1294124
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.5 12.7 19.1

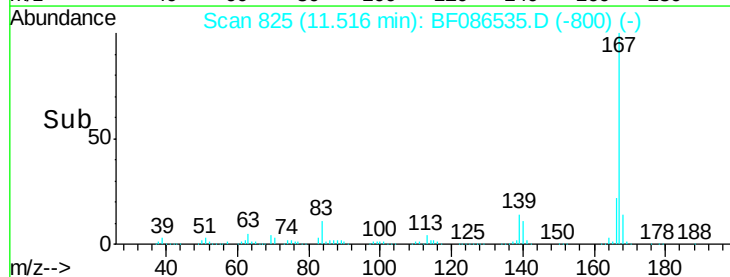
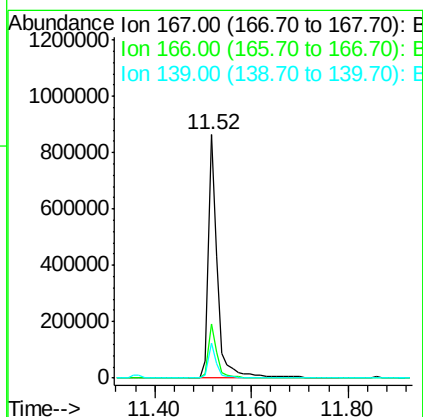
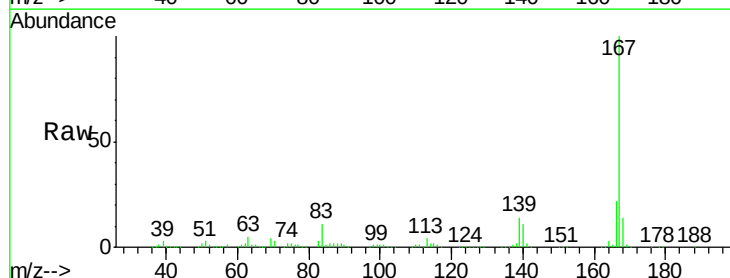
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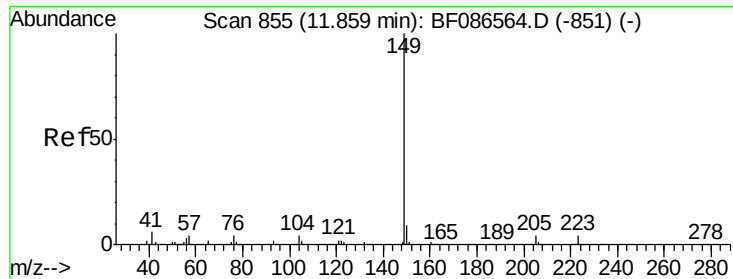
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#72
 Carbazole
 Concen: 38.83 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion:167 Resp: 1134235
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.27 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

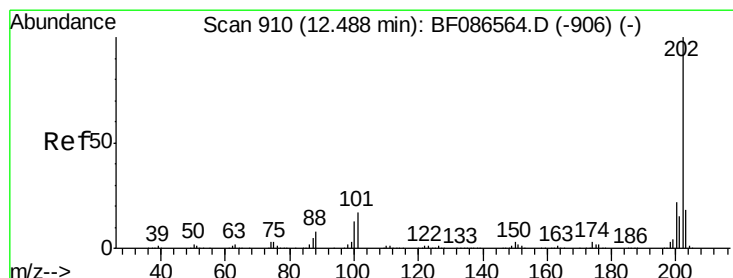
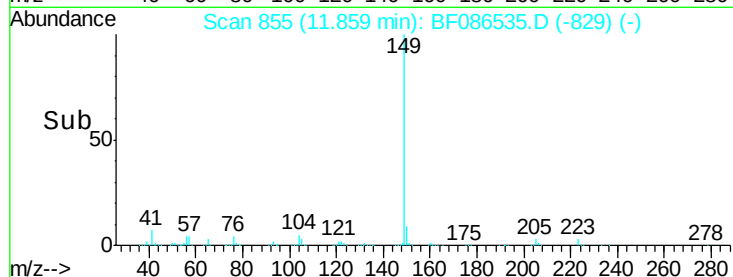
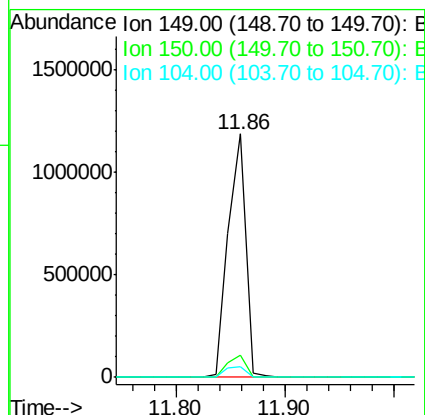
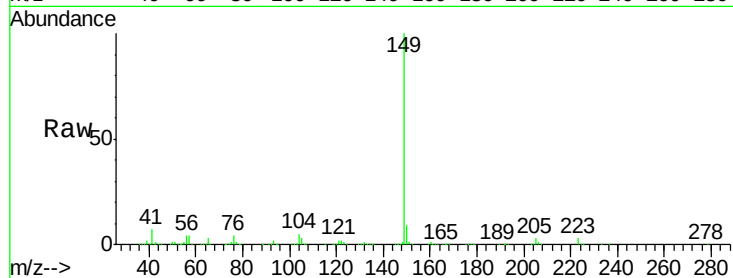
ClientSampleId :

PB90056BS

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Tgt Ion:	149	Resp:	1332497
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	4.6	3.8	5.6



#74

Fluoranthene

Concen: 40.40 ng

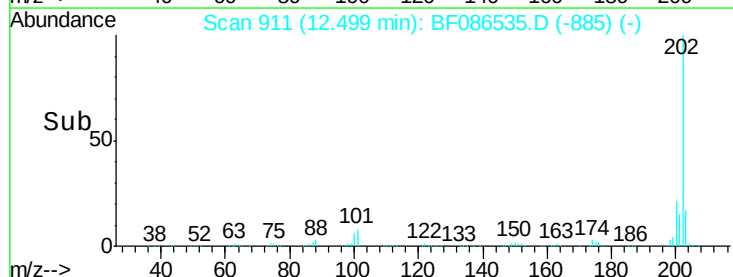
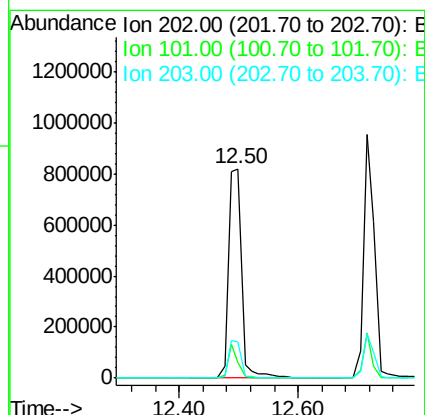
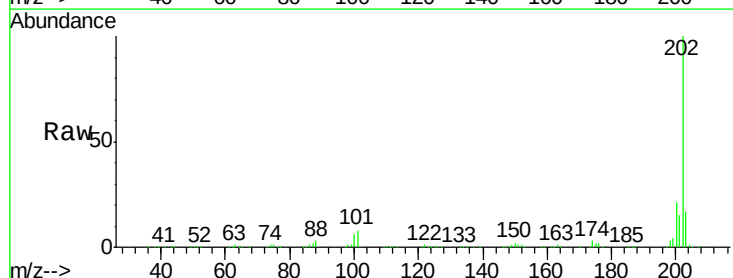
RT: 12.50 min Scan# 911

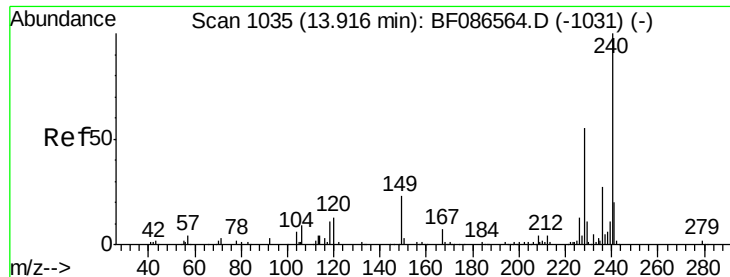
Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion:	202	Resp:	1259263
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	35.4
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

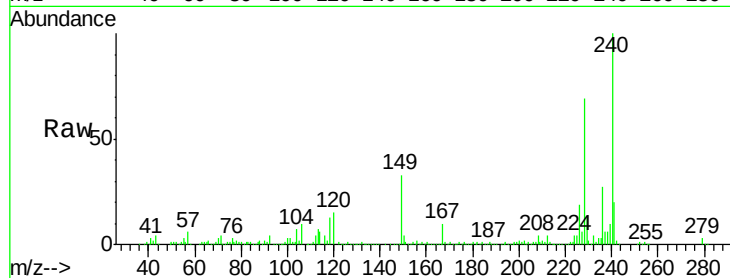
ClientSampleId :

PB90056BS

Tgt Ion:	240	Resp:	414412
Ion Ratio	Lower	Upper	
240	100		
120	14.9	11.2	16.8
236	26.8	21.2	31.8

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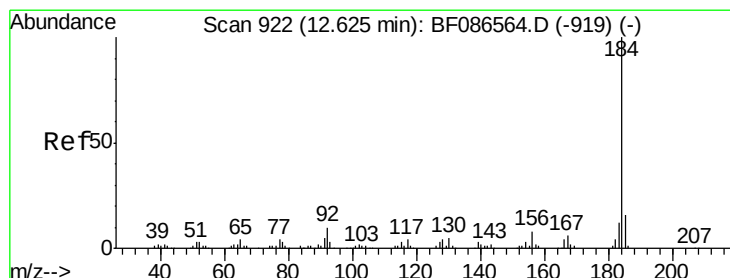
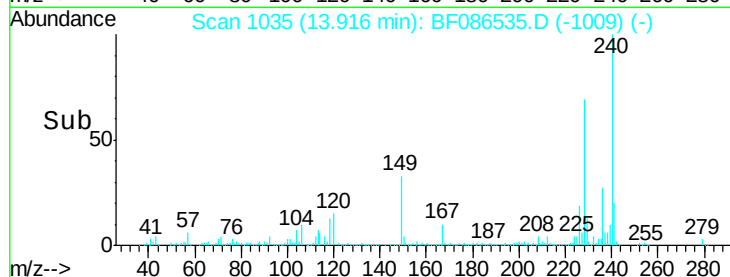
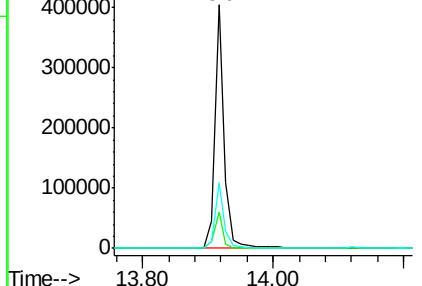
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.26 ng

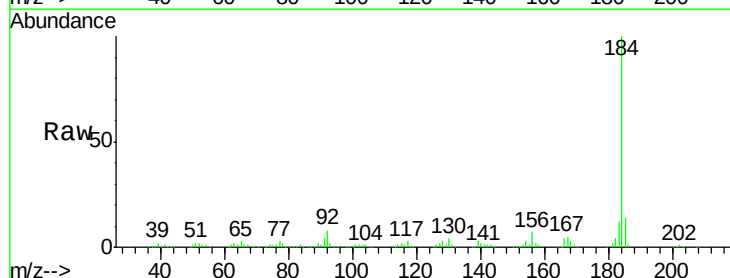
RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

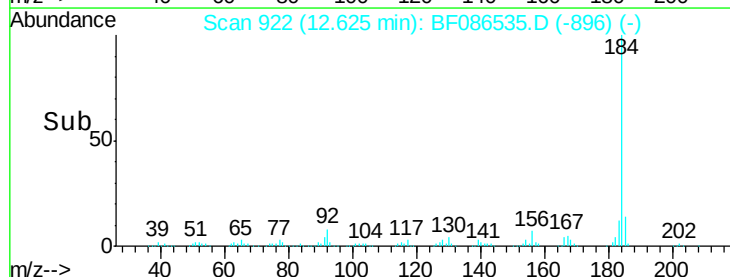
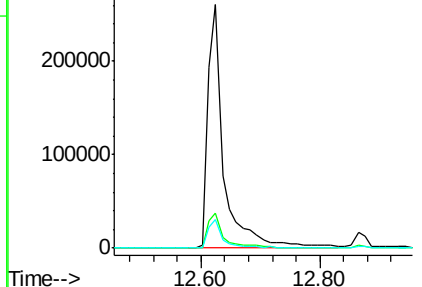
Tgt Ion:	184	Resp:	487933
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.6	20.4
183	11.6	9.8	14.6

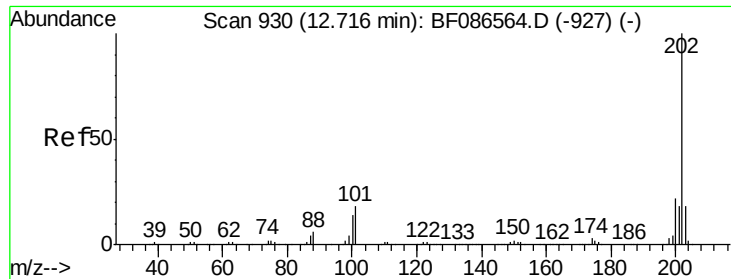


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.12 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tgt Ion:202 Resp: 1197902

Ion Ratio Lower Upper

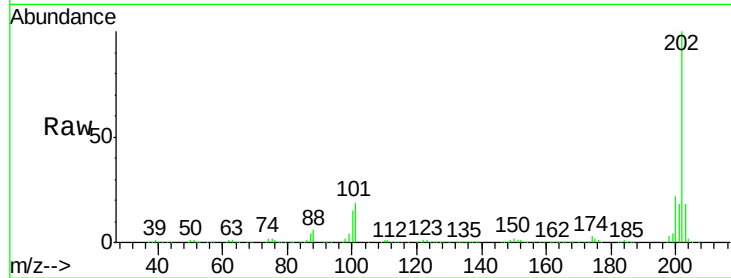
202 100

200 22.1 17.7 26.5

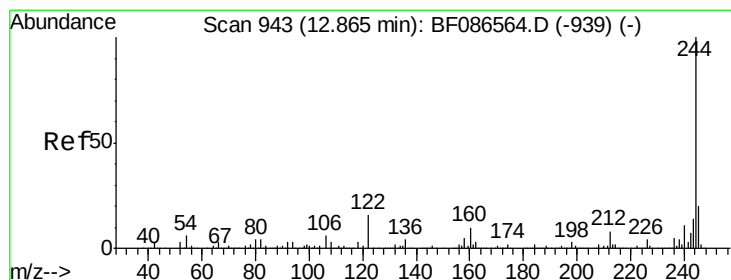
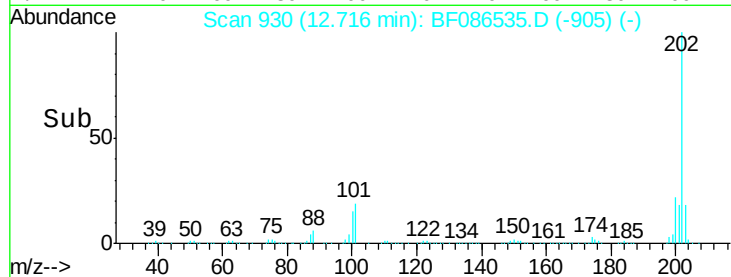
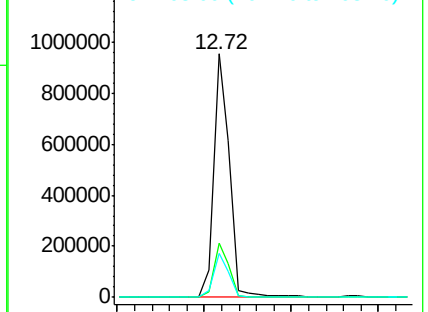
203 18.3 14.2 21.4

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



#78

Terphenyl-d14

Concen: 76.21 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

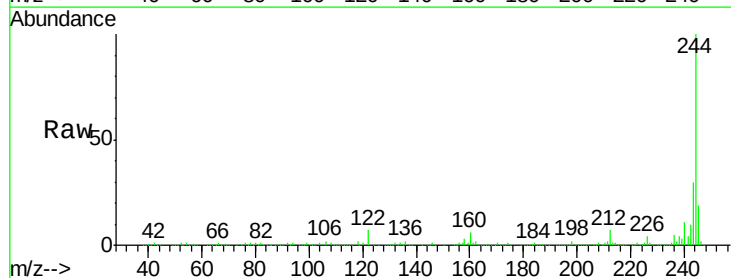
Tgt Ion:244 Resp: 1433586

Ion Ratio Lower Upper

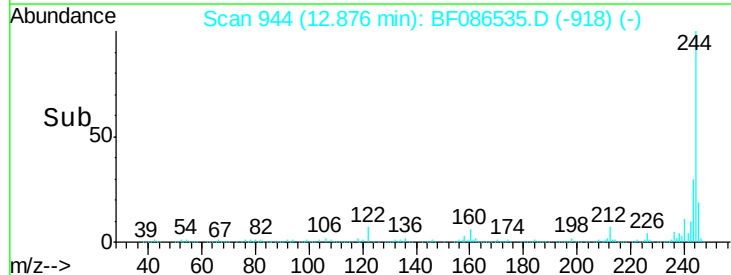
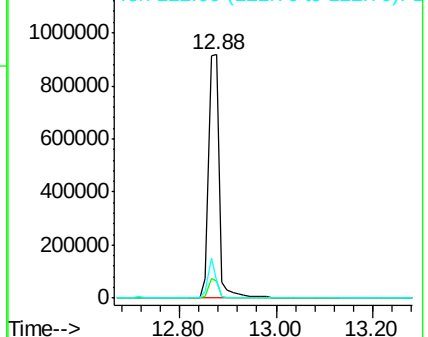
244 100

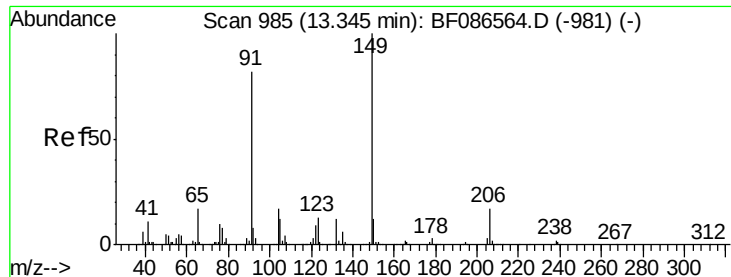
212 6.9 6.2 9.2

122 7.1 12.0 18.0#



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





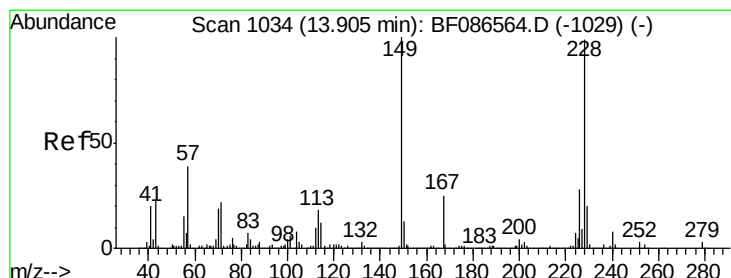
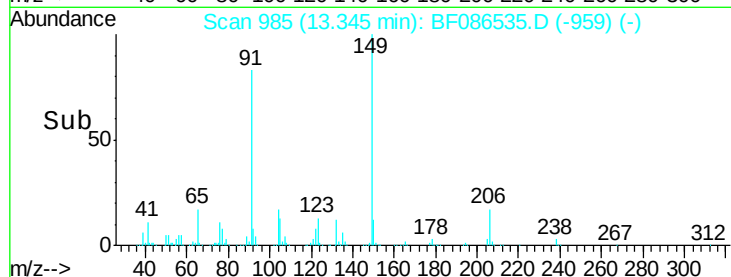
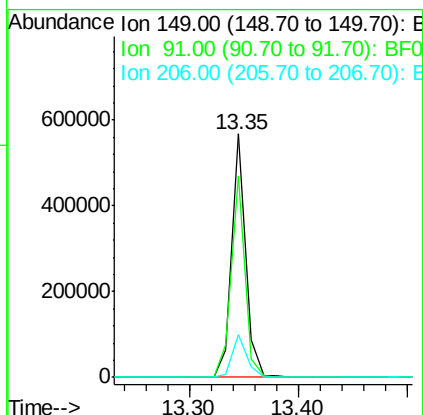
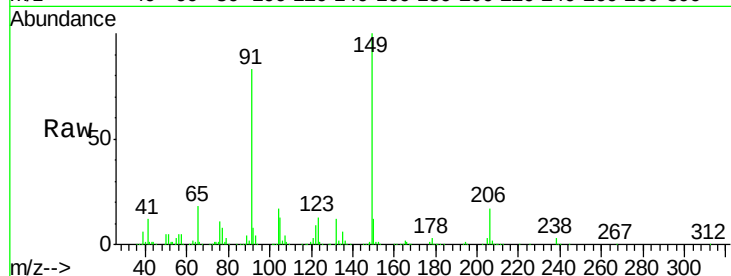
#79
Butylbenzylphthalate
Concen: 39.08 ng
RT: 13.35 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	505420		
91	82.6	48.0	72.0#	
206	17.3	15.8	23.6	

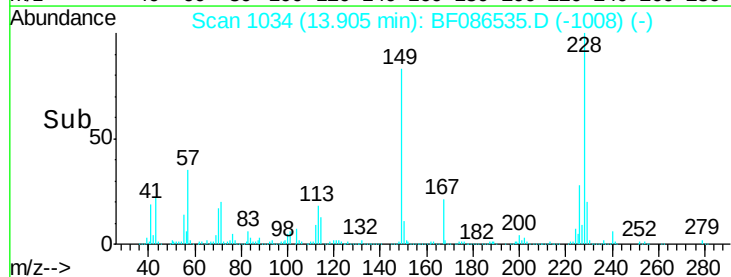
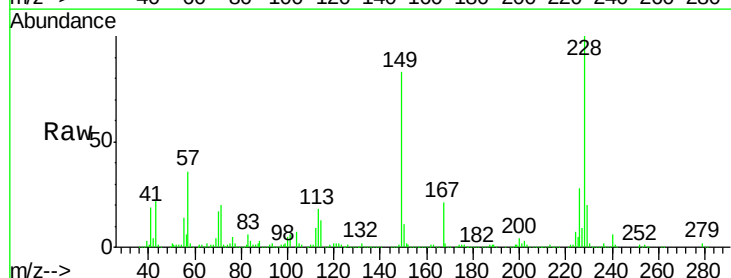
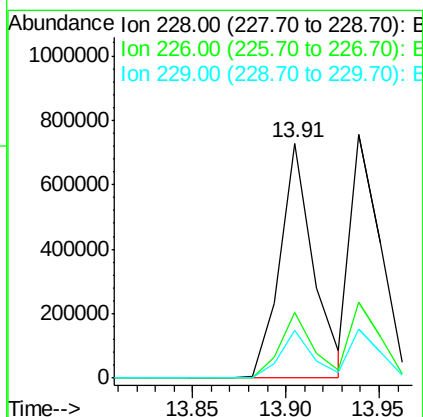
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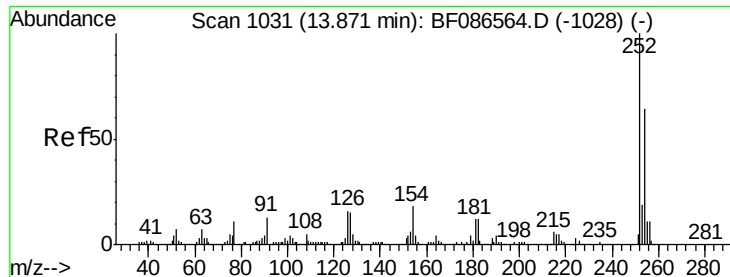
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#80
Benzo(a)anthracene
Concen: 41.11 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	908362		
226	28.2	22.5	33.7	
229	20.1	16.6	25.0	





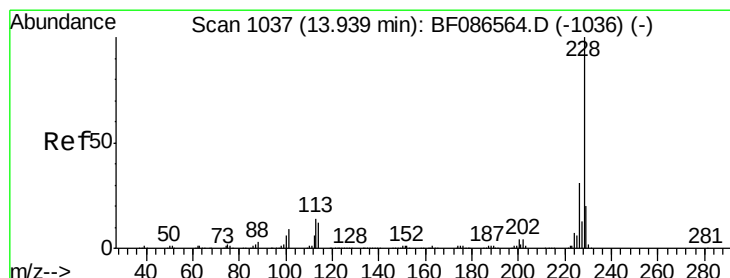
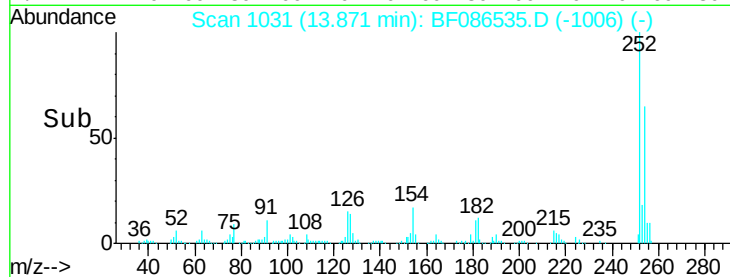
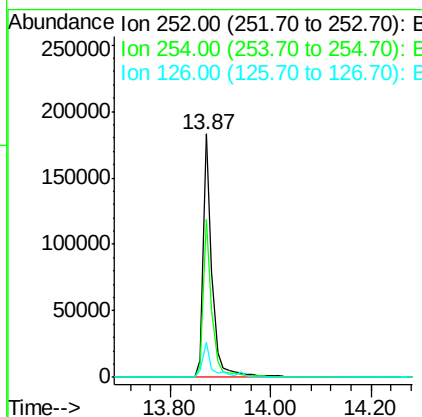
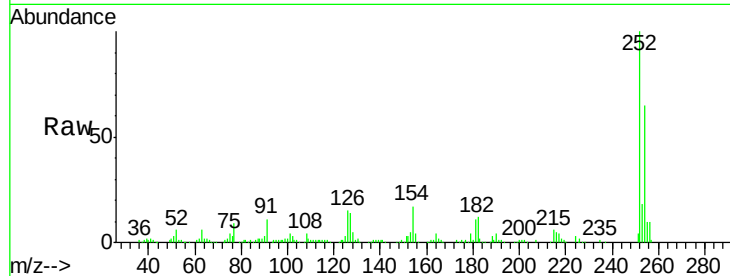
#81
 3,3'-Dichlorobenzidine
 Concen: 15.24 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.9	50.7	76.1
126	14.6	12.7	19.1

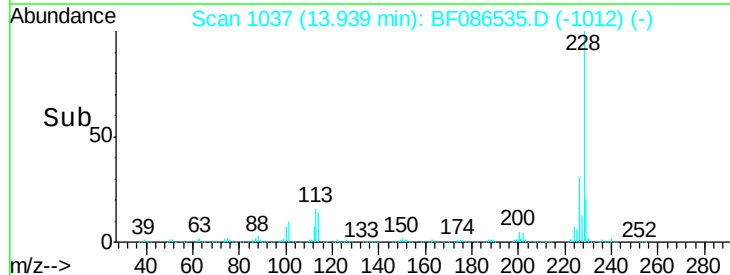
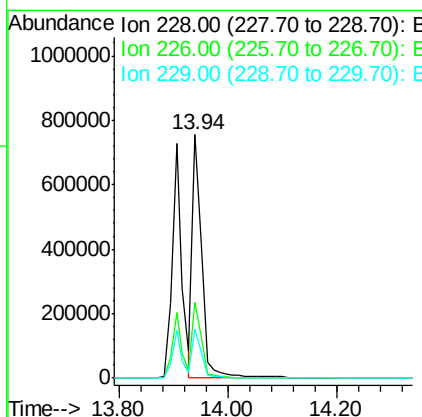
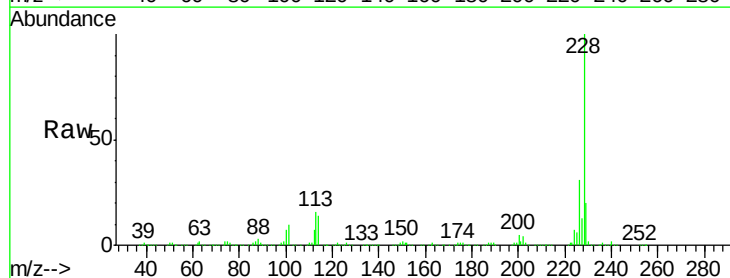
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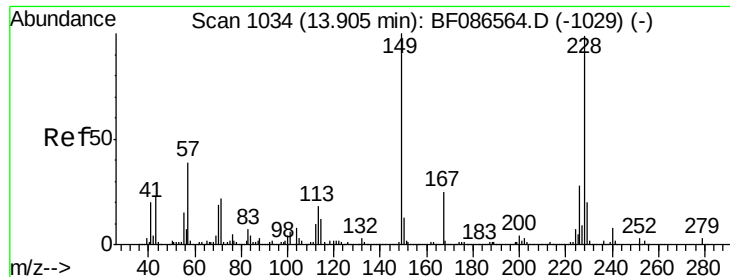
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#82
 Chrysene
 Concen: 38.05 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	24.4	36.6
229	20.0	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.35 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086535.D

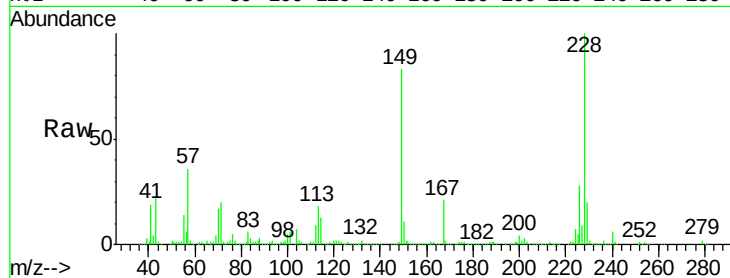
Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB90056BS



Tgt Ion:149 Resp: 551471

Ion Ratio Lower Upper

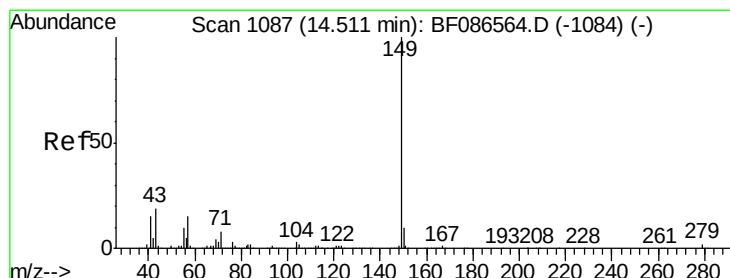
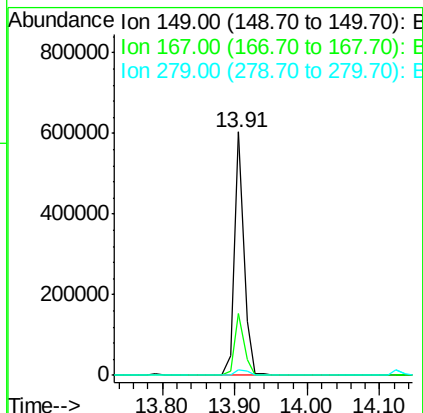
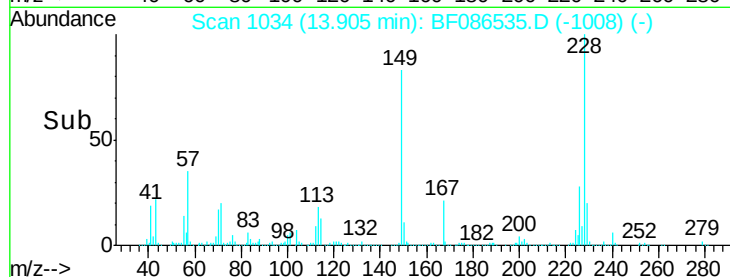
149 100

167 25.3 21.8 32.6

279 2.4 2.6 4.0#

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#84

Di-n-octyl phthalate

Concen: 35.77 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

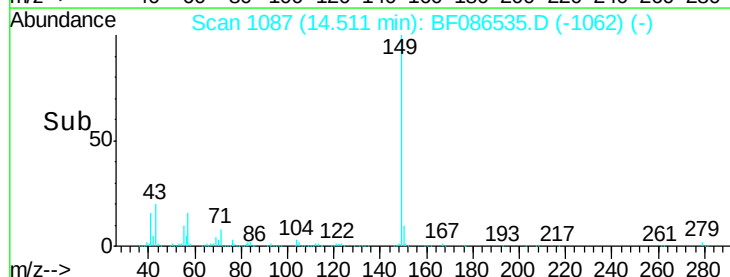
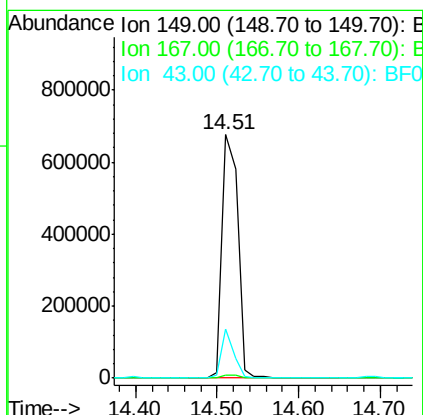
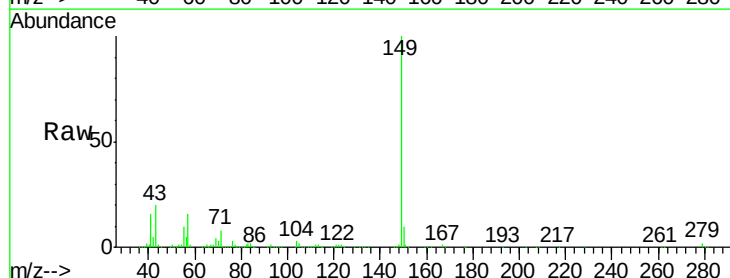
Tgt Ion:149 Resp: 899298

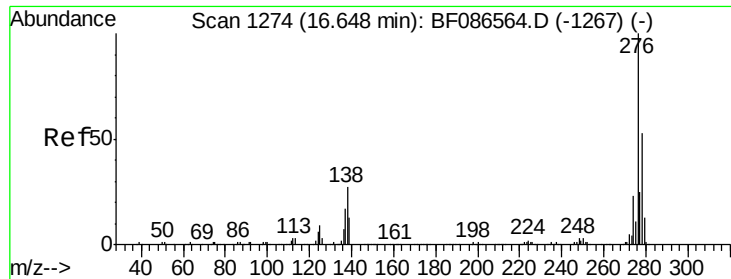
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 15.2 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.39 ng

RT: 16.65 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF086535.D

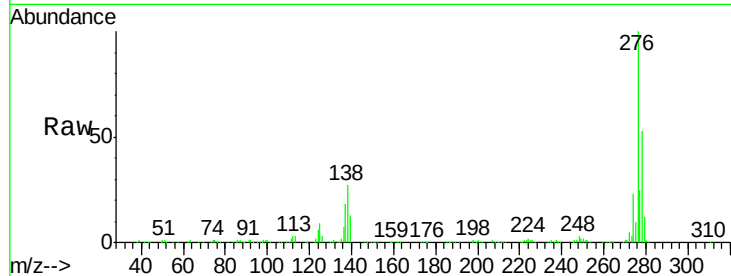
Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB90056BS



Tgt Ion:276 Resp: 825566

Ion Ratio Lower Upper

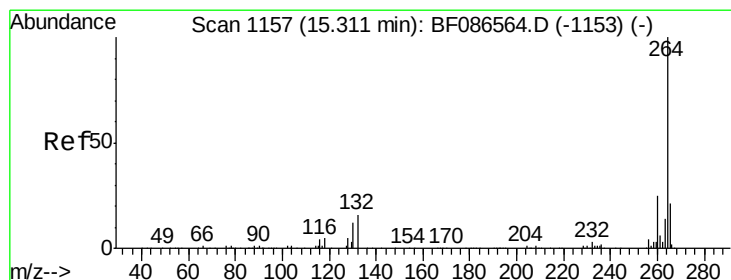
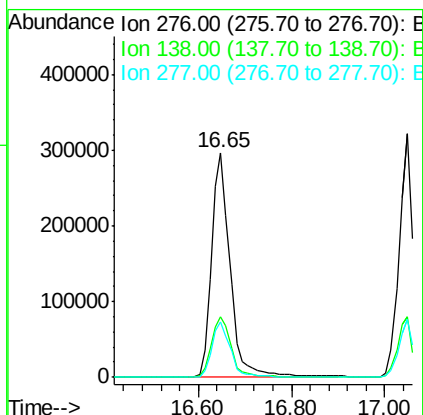
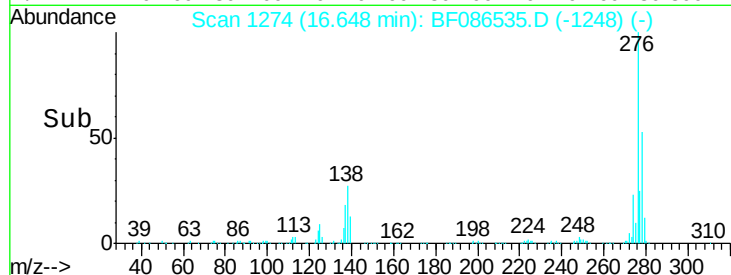
276 100

138 29.0 25.6 38.4

277 25.2 20.5 30.7

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

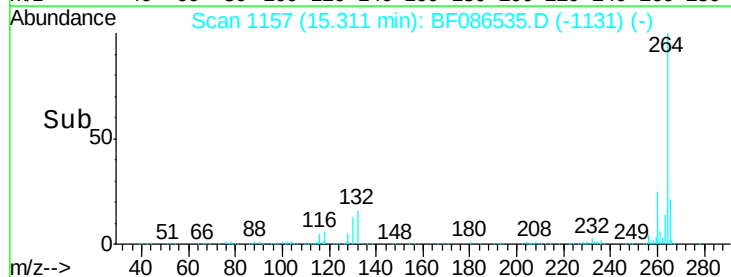
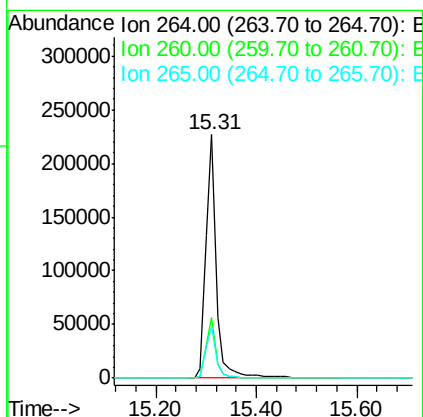
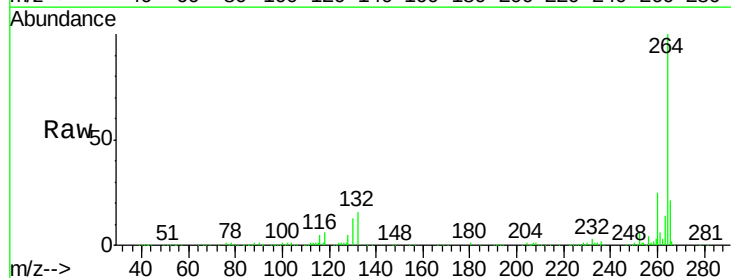
Tgt Ion:264 Resp: 329020

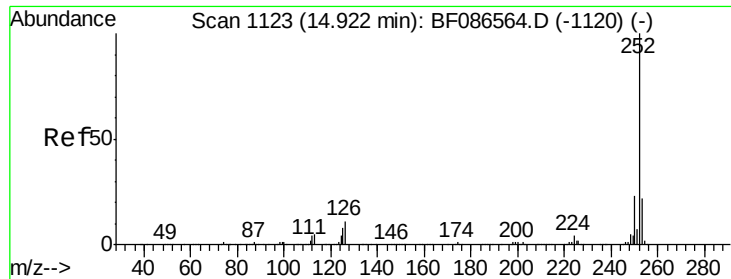
Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 44.52 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tgt Ion: 252 Resp: 861790

Ion Ratio Lower Upper

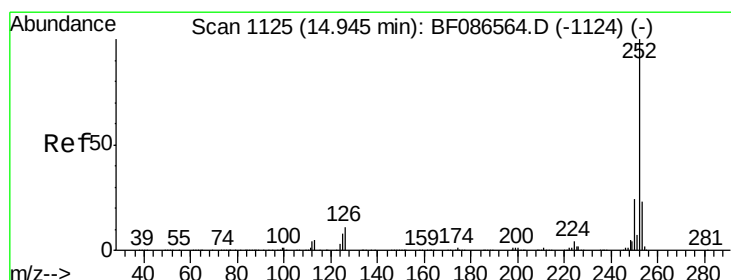
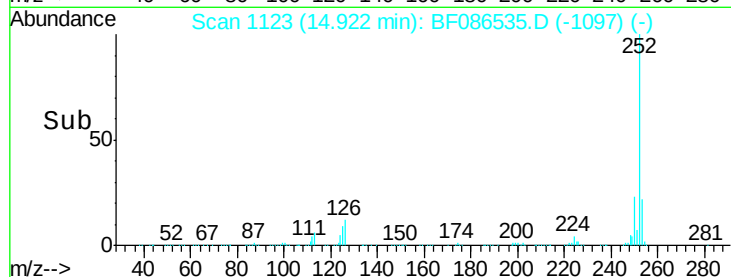
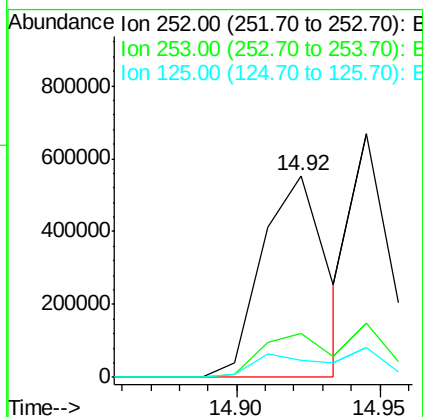
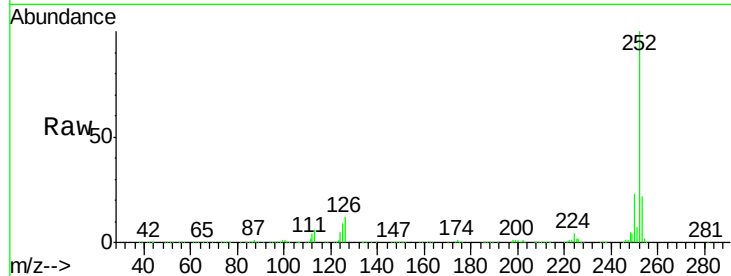
252 100

253 22.0 17.8 26.6

125 8.6 11.4 17.0#

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#88

Benzo(k)fluoranthene

Concen: 34.84 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

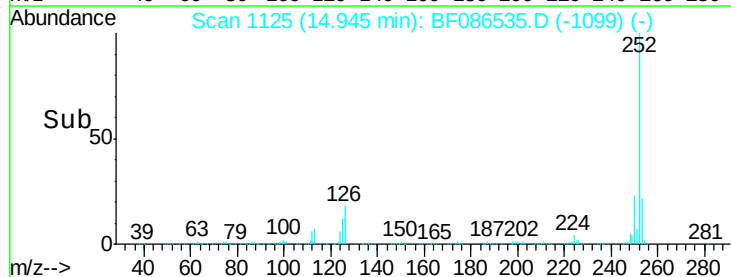
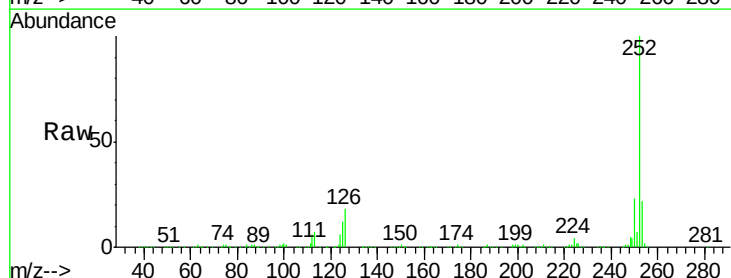
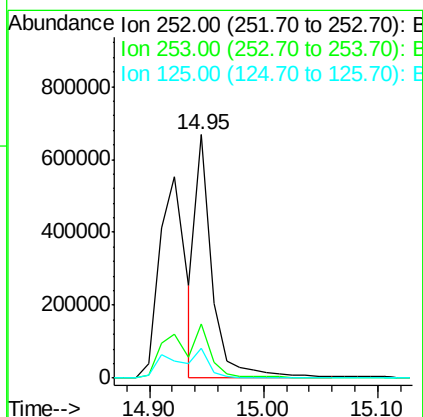
Tgt Ion: 252 Resp: 703446

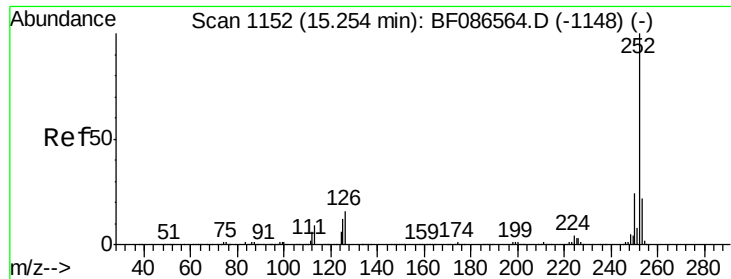
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 12.2 9.1 13.7





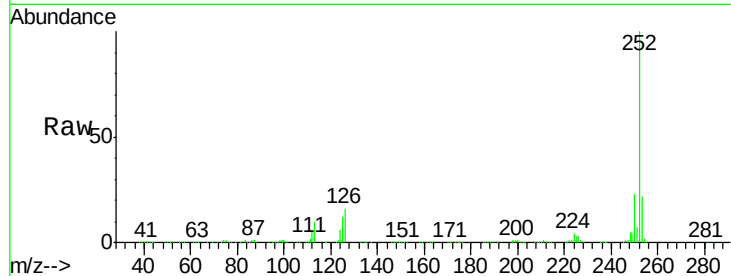
#89
Benzo(a)pyrene
Concen: 40.34 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :
PB90056BS

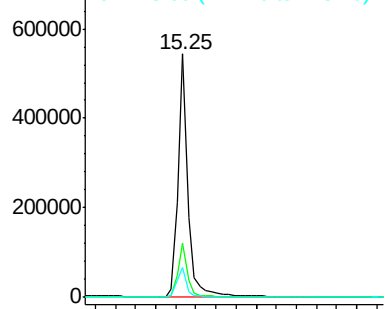
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	12.4	9.0	13.6

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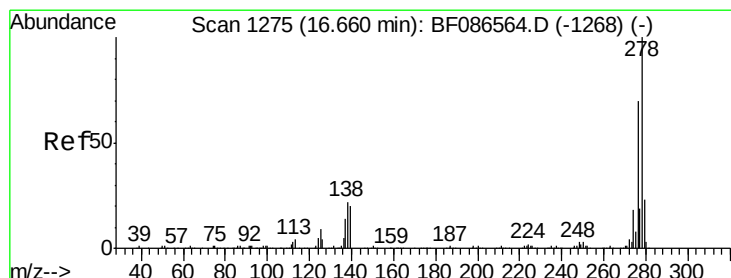
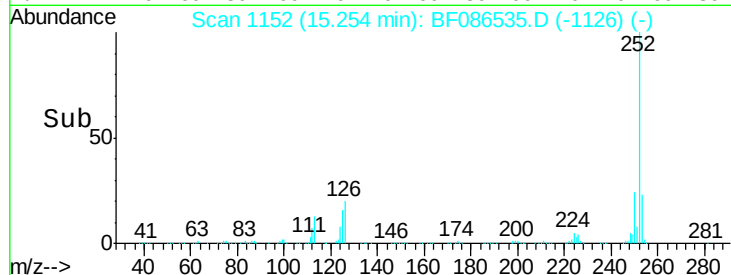
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



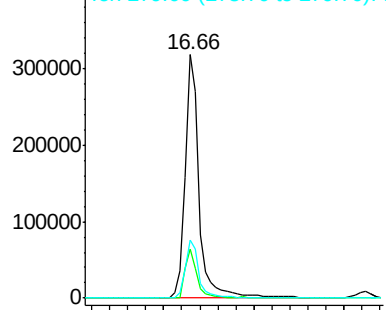
Time-->



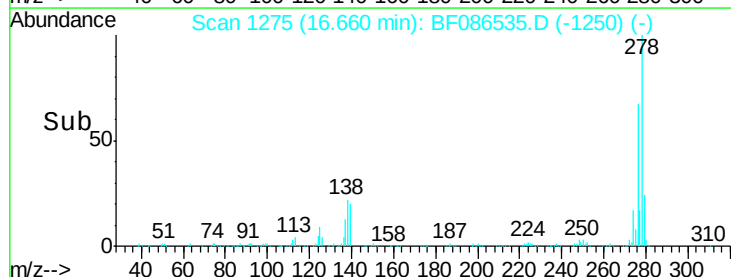
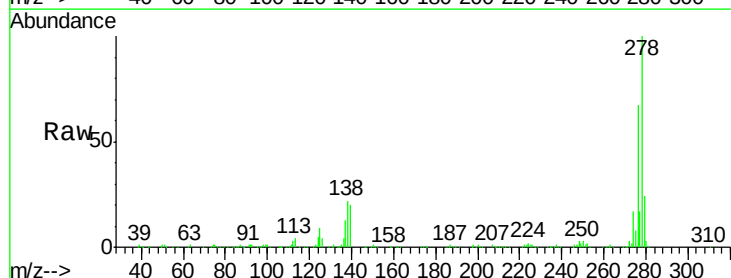
#90
Dibenzo(a,h)anthracene
Concen: 46.20 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

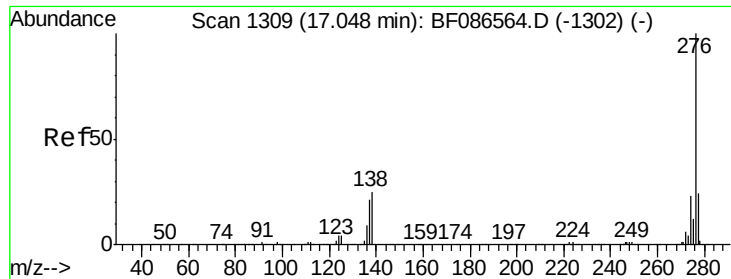
Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	24.8
279	24.0	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91
 Benzo(g,h,i)perylene
 Concen: 46.65 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tgt Ion:	276	Resp:	699193
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.6	29.4
138	25.0	23.6	35.4

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