

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087312.D
 Acq On : 23 May 2016 21:42
 Operator : UM/SJ
 Sample : PB90743BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Manual Integrations
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Quant Time: May 24 18:03:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	140648	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	579251	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	276710	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	512856	20.00	ng	0.00
75) Chrysene-d12	18.56	240	411204	20.00	ng	0.00
86) Perylene-d12	20.23	264	303160	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1000012	124.93	ng	0.02
7) Phenol-d6	7.16	99	1317404	121.81	ng	0.00
23) Nitrobenzene-d5	8.52	82	888935	77.34	ng	-0.01
41) 2,4,6-Tribromophenol	13.78	330	317726	119.49	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1519232	77.40	ng	0.00
78) Terphenyl-d14	17.21	244	1400666	72.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	122722	29.06	ng	# 59
3) Pyridine	2.65	79	291438	31.56	ng	# 68
4) n-Nitrosodimethylamine	2.62	42	258160	36.29	ng	# 48
6) Aniline	7.12	93	382197	27.32	ng	90
8) 2-Chlorophenol	7.29	128	392032	39.27	ng	88
9) Benzaldehyde	6.95	77	82301	13.78	ng	97
10) Phenol	7.18	94	449171	38.03	ng	85
11) bis(2-Chloroethyl)ether	7.26	93	367860	38.48	ng	89
12) 1,3-Dichlorobenzene	7.51	146	402478	36.97	ng	# 92
13) 1,4-Dichlorobenzene	7.63	146	415509m	37.17	ng	
14) 1,2-Dichlorobenzene	7.87	146	394135	38.12	ng	99
15) Benzyl Alcohol	7.91	79	356469	45.21	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	779547	36.24	ng	94
17) 2-Methylphenol	8.11	107	318418	39.80	ng	# 79
18) Hexachloroethane	8.39	117	155964	37.40	ng	96
19) n-Nitroso-di-n-propylamine	8.33	70	323072	40.05	ng	# 72
20) 3+4-Methylphenols	8.38	107	411711	42.57	ng	# 60
22) Acetophenone	8.30	105	568284	41.07	ng	# 98
24) Nitrobenzene	8.56	77	458597	37.80	ng	97
25) Isophorone	8.95	82	808454	39.22	ng	99
26) 2-Nitrophenol	9.06	139	200668	40.46	ng	# 78
27) 2,4-Dimethylphenol	9.20	122	356392	41.40	ng	88
28) bis(2-Chloroethoxy)methane	9.32	93	484370	41.72	ng	# 98
29) 2,4-Dichlorophenol	9.47	162	320429	41.30	ng	97
30) 1,2,4-Trichlorobenzene	9.56	180	342950	38.61	ng	97
31) Naphthalene	9.68	128	1136315	39.15	ng	99
32) Benzoic acid	9.52	122	162946	38.12	ng	# 81
33) 4-Chloroaniline	9.83	127	236258	22.10	ng	95
34) Hexachlorobutadiene	9.88	225	199938	37.03	ng	98
35) Caprolactam	10.44	113	97199m	42.92	ng	
36) 4-Chloro-3-methylphenol	10.68	107	371823	42.39	ng	94
37) 2-Methylnaphthalene	10.80	142	726381	40.06	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	325147	36.71	ng	98
40) Hexachlorocyclopentadiene	11.05	237	246842	69.17	ng	97

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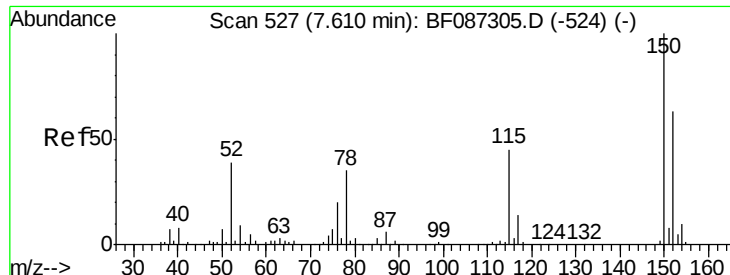
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	198962	38.92	ng	94
43) 2,4,5-Trichlorophenol	11.38	196	203817	39.15	ng #	91
45) 1,1'-Biphenyl	11.58	154	913141	39.20	ng	98
46) 2-Chloronaphthalene	11.59	162	664882	37.30	ng	93
47) 2-Nitroaniline	11.81	65	264521	41.19	ng #	81
48) Acenaphthylene	12.25	152	1078236	38.21	ng	99
49) Dimethylphthalate	12.13	163	846723	38.20	ng	100
50) 2,6-Dinitrotoluene	12.22	165	175467	39.29	ng #	77
51) Acenaphthene	12.54	154	657963	37.94	ng	97
52) 3-Nitroaniline	12.49	138	107269	23.40	ng #	92
53) 2,4-Dinitrophenol	12.69	184	159592	70.65	ng	88
54) Dibenzofuran	12.82	168	978797	41.68	ng	99
55) 4-Nitrophenol	12.86	139	191201	87.44	ng #	56
56) 2,4-Dinitrotoluene	12.88	165	238799	40.00	ng #	92
57) Fluorene	13.37	166	775685	38.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	179928	44.92	ng	100
59) Diethylphthalate	13.28	149	826087	38.33	ng	99
60) 4-Chlorophenyl-phenylether	13.39	204	373268	37.59	ng	99
61) 4-Nitroaniline	13.50	138	158598	37.07	ng #	70
62) Azobenzene	13.66	77	974660	43.59	ng	88
64) 4,6-Dinitro-2-methylphenol	13.54	198	122995	37.72	ng #	46
65) n-Nitrosodiphenylamine	13.61	169	659918	39.79	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	218396	38.93	ng	98
67) Hexachlorobenzene	14.25	284	225908	38.50	ng #	66
68) Atrazine	14.53	200	214450	40.56	ng	94
69) Pentachlorophenol	14.62	266	153575	83.89	ng	97
70) Phenanthrene	14.91	178	1132377	39.86	ng	100
71) Anthracene	15.01	178	1156719	40.31	ng	99
72) Carbazole	15.29	167	1030700	42.11	ng	100
73) Di-n-butylphthalate	15.85	149	1287266	40.67	ng #	99
74) Fluoranthene	16.66	202	1096213	38.48	ng	97
76) Benzidine	16.89	184	360145	34.04	ng	97
77) Pyrene	16.97	202	1151548	38.90	ng	99
79) Butylbenzylphthalate	17.87	149	505517	38.51	ng #	73
80) Benzo(a)anthracene	18.55	228	914485	39.10	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	172712m	13.37	ng	
82) Chrysene	18.59	228	911561	39.27	ng	100
83) Bis(2-ethylhexyl)phthalate	18.62	149	724358	37.82	ng	96
84) Di-n-octyl phthalate	19.38	149	1155591	39.56	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.49	276	698491	37.54	ng	96
87) Benzo(b)fluoranthene	19.82	252	726521m	37.62	ng	
88) Benzo(k)fluoranthene	19.85	252	783987m	47.17	ng	
89) Benzo(a)pyrene	20.17	252	717246	42.94	ng #	98
90) Dibenzo(a,h)anthracene	21.50	278	590663	41.46	ng #	93
91) Benzo(g,h,i)perylene	21.85	276	592367	42.15	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

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BNA_F

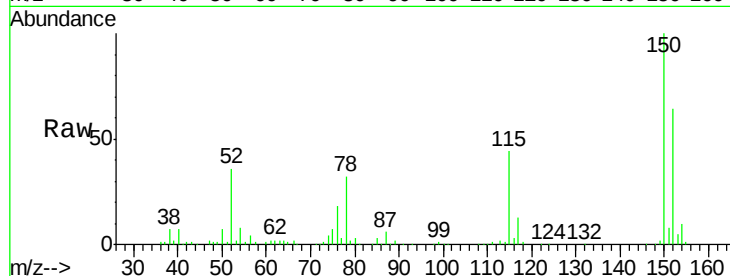
ClientSampleId :

PB90743BS

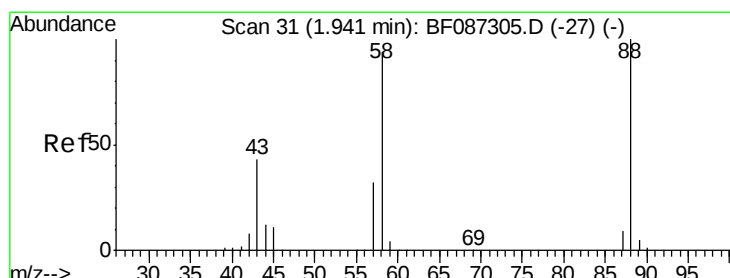
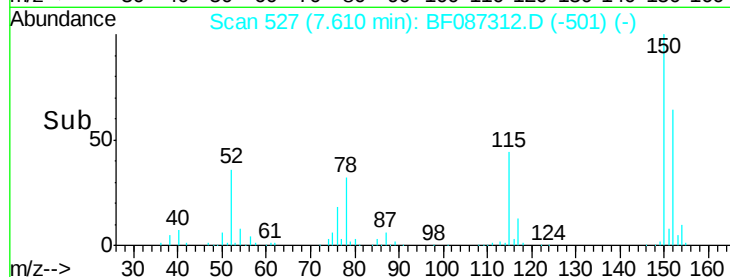
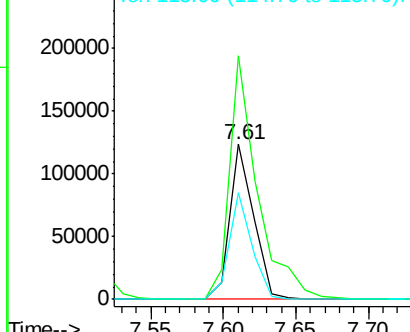
Tgt Ion:	152	Resp:	140648
Ion Ratio	Lower	Upper	
152	100		
150	157.2	125.8	188.6
115	68.5	51.5	77.3

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



#2

1,4-Dioxane

Concen: 29.06 ng

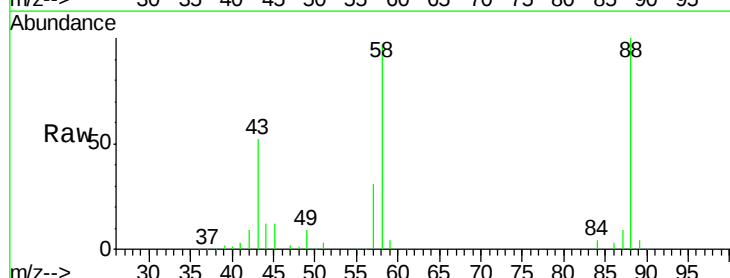
RT: 2.04 min Scan# 40

Delta R.T. 0.10 min

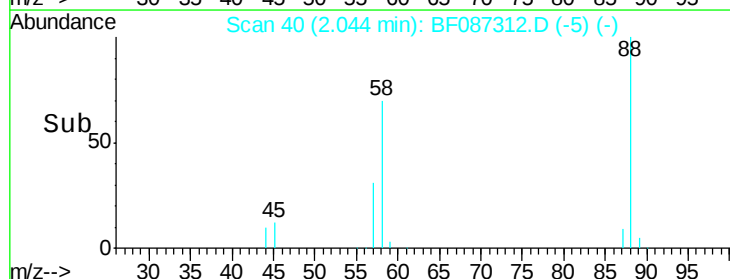
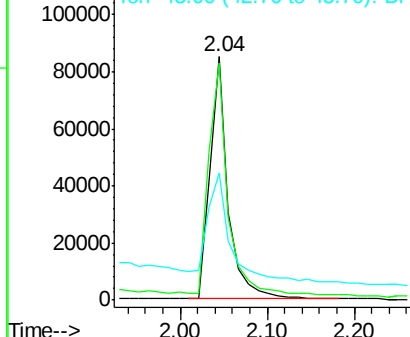
Lab File: BF087312.D

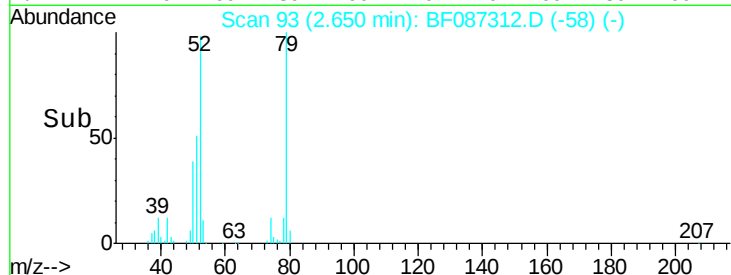
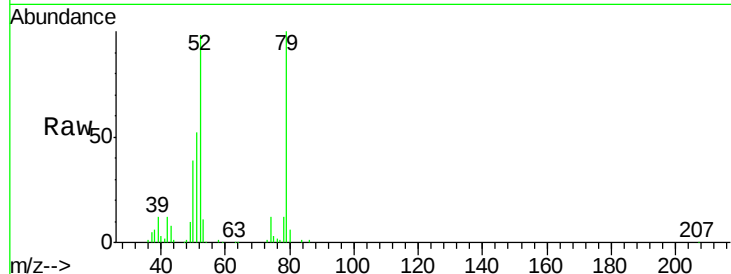
Acq: 23 May 2016 21:42

Tgt Ion:	88	Resp:	122722
Ion Ratio	Lower	Upper	
88	100		
58	101.9	59.6	89.4#
43	60.8	21.8	32.6#



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





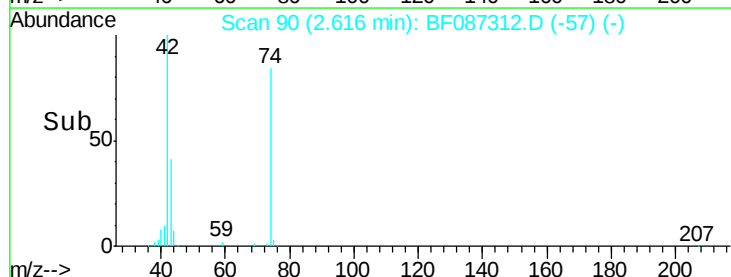
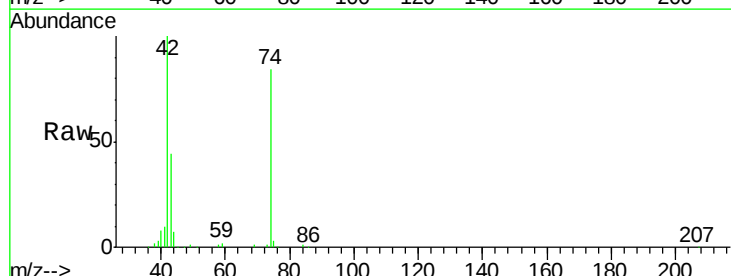
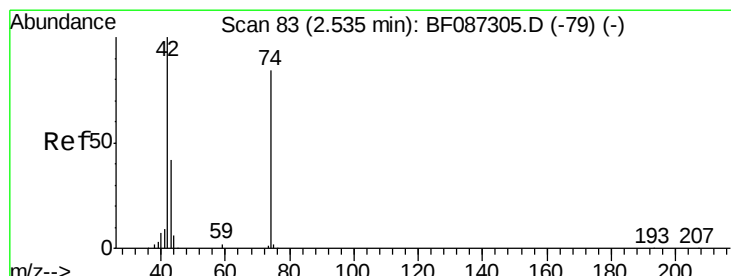
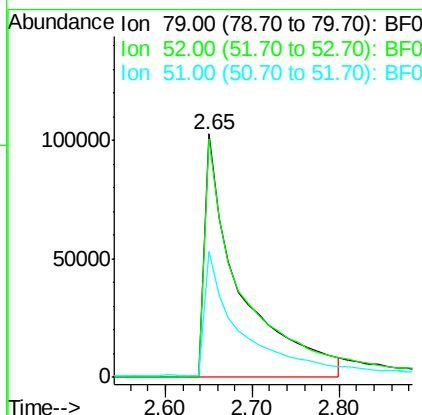
#3
 Pyridine
 Concen: 31.56 ng
 RT: 2.65 min Scan# 93
 Delta R.T. 0.10 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp Lower	Upper
79	100		
52	97.8	55.9	83.9#
51	51.8	28.1	42.1#

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 PB90743BS

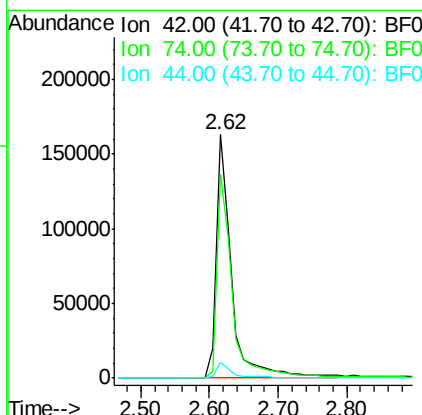
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#4
 n-Nitrosodimethylamine
 Concen: 36.29 ng
 RT: 2.62 min Scan# 90
 Delta R.T. 0.08 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	83.6	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 124.93 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.02 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

ClientSampleId :

PB90743BS

Tgt Ion: 112 Resp: 1000012

Ion Ratio Lower Upper

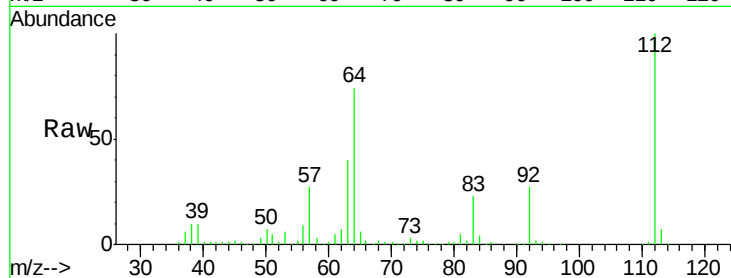
112 100

64 73.7 52.1 78.1

63 40.1 25.7 38.5#

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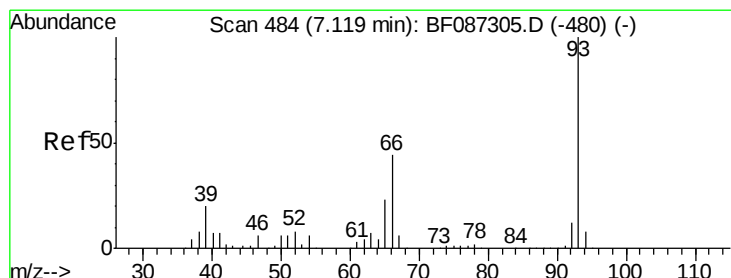
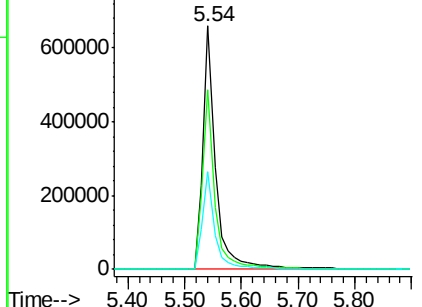
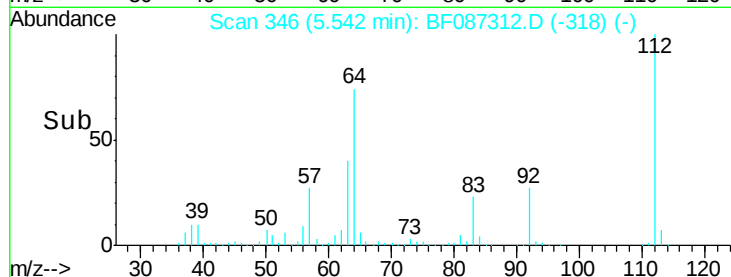
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.32 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

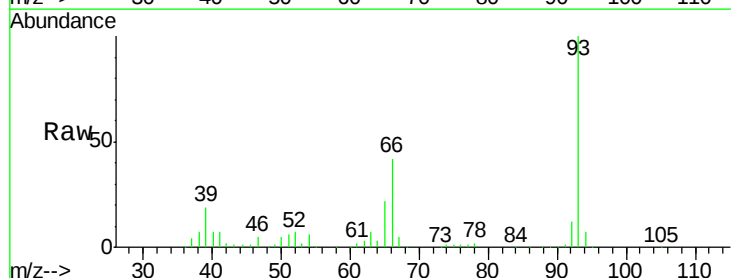
Tgt Ion: 93 Resp: 382197

Ion Ratio Lower Upper

93 100

66 41.6 39.0 58.6

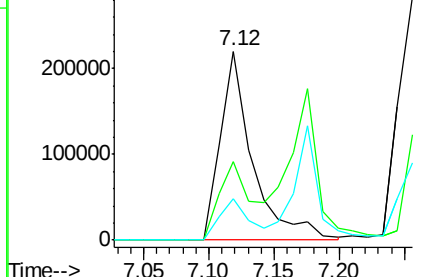
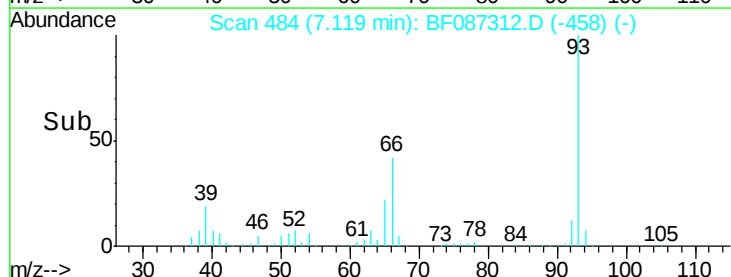
65 21.8 20.6 31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.81 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1317404

Ion Ratio Lower Upper

99 100

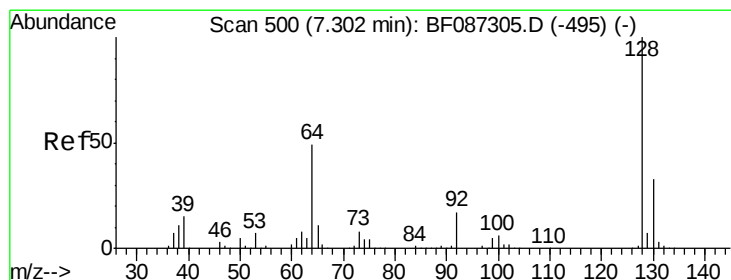
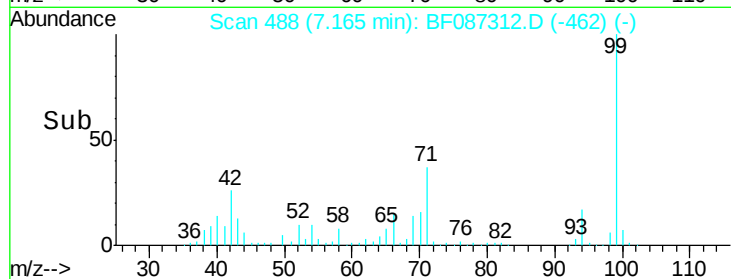
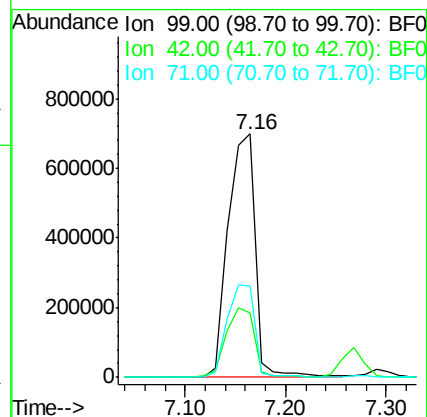
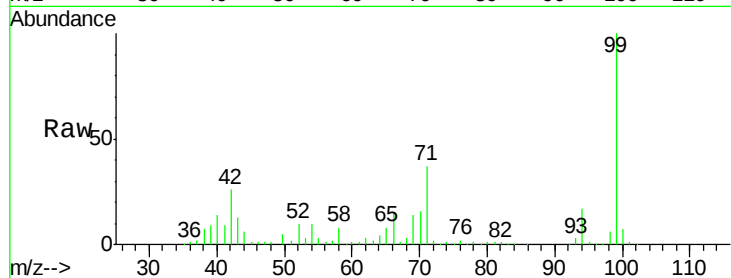
42 26.3 13.6 20.4#

71 37.5 24.6 36.8#

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#8

2-Chlorophenol

Concen: 39.27 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

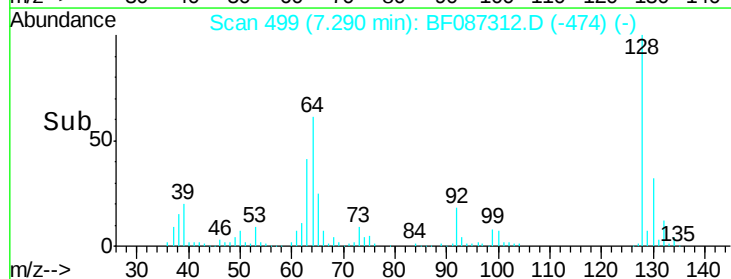
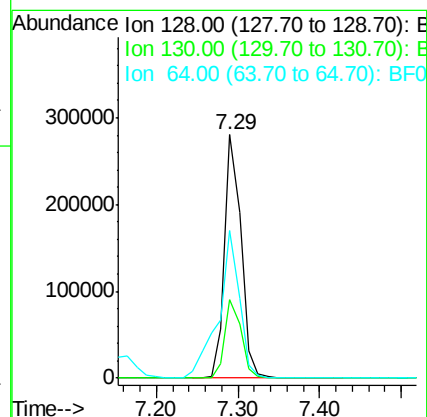
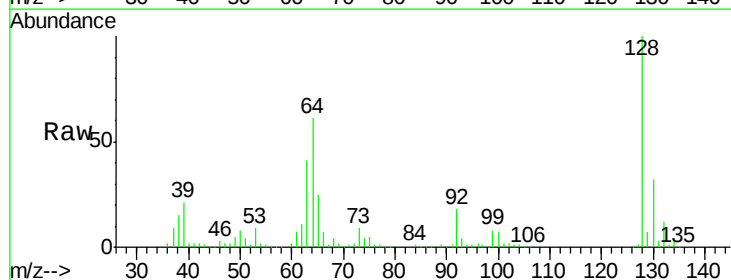
Tgt Ion: 128 Resp: 392032

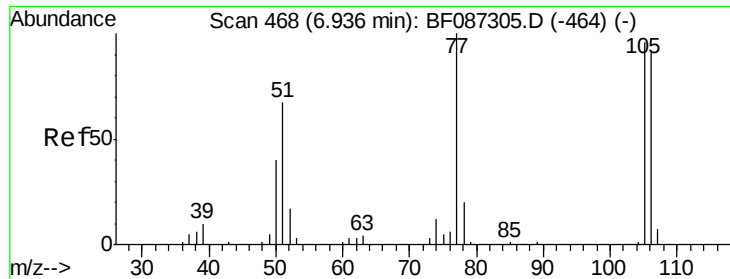
Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

64 60.9 27.3 67.3





#9

Benzaldehyde

Concen: 13.78 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF087312.D

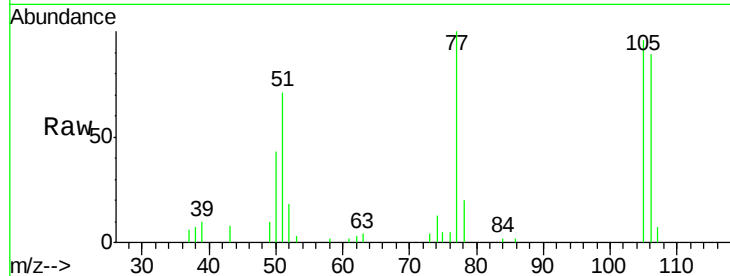
Acq: 23 May 2016 21:42

Instrument :

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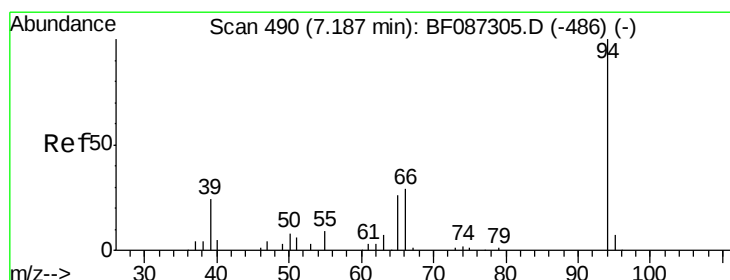
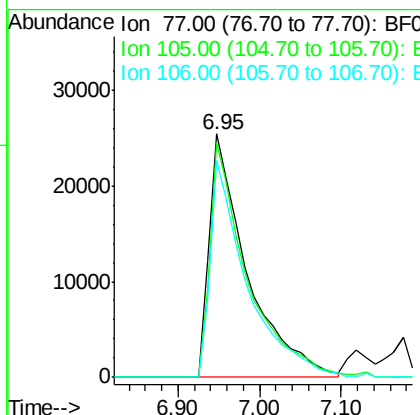
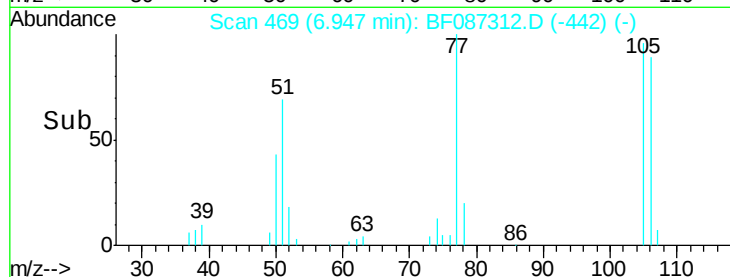
PB90743BS



Tgt Ion:	77	Resp:	82301
Ion	Ratio	Lower	Upper
77	100		
105	96.4	72.7	112.7
106	89.1	70.8	110.8

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#10

Phenol

Concen: 38.03 ng

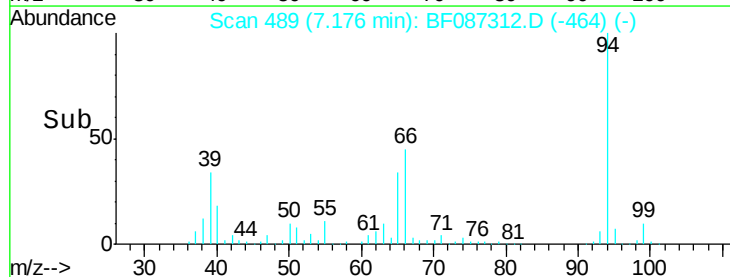
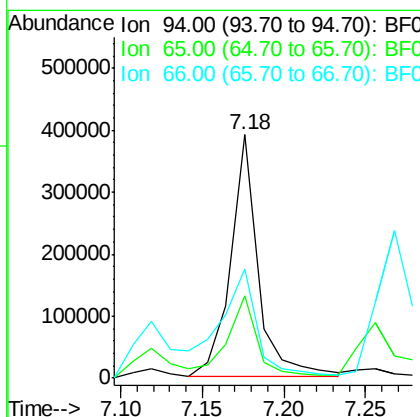
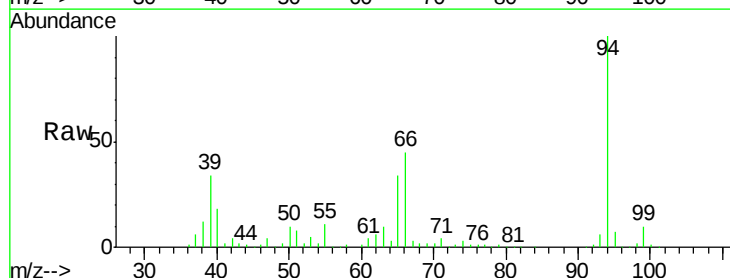
RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF087312.D

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Tgt Ion:	94	Resp:	449171
Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.2	47.2
66	44.8	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 38.48 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF087312.D

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Tgt Ion: 93 Resp: 367860
Ion Ratio Lower Upper

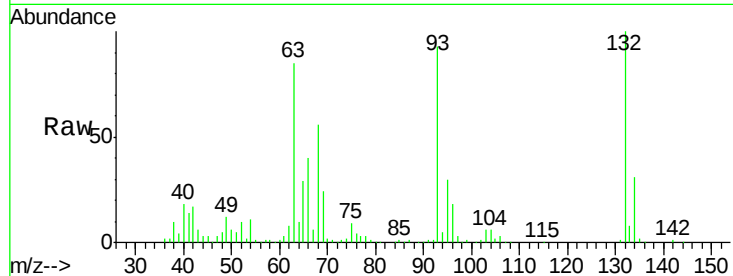
93 100

63 91.8 58.0 98.0

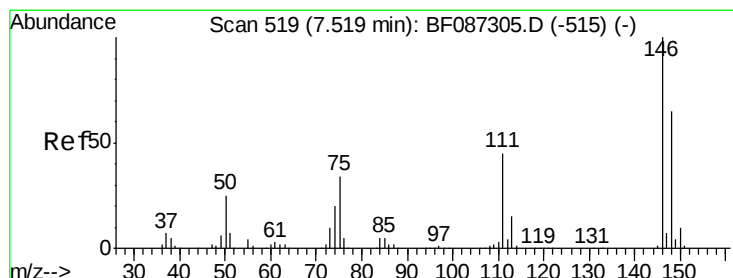
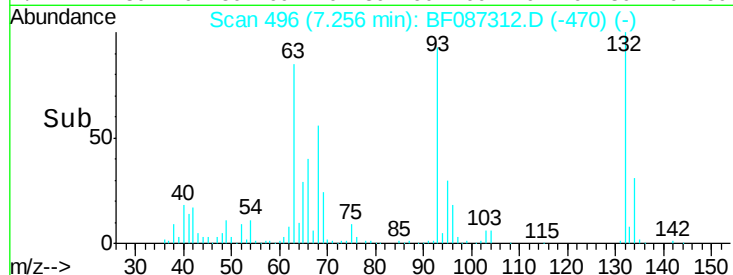
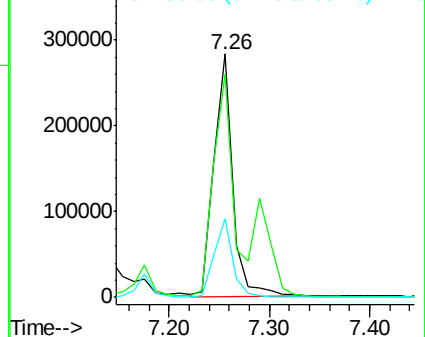
95 32.3 11.9 51.9

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Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.97 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087312.D

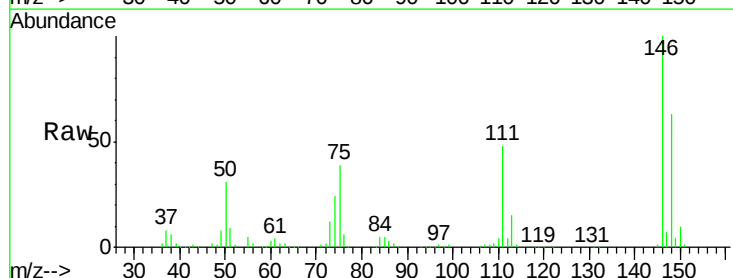
Acq: 23 May 2016 21:42

Tgt Ion: 146 Resp: 402478
Ion Ratio Lower Upper

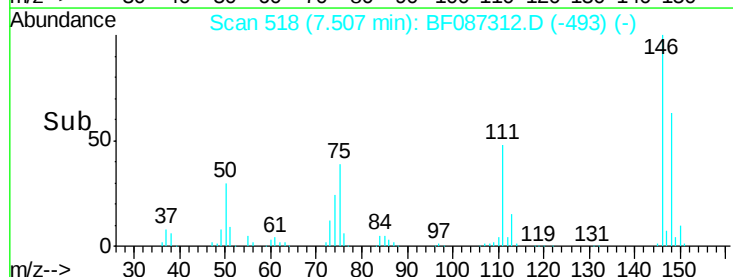
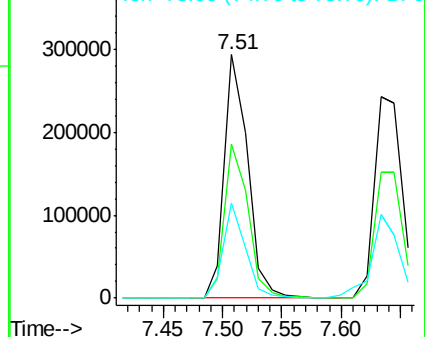
146 100

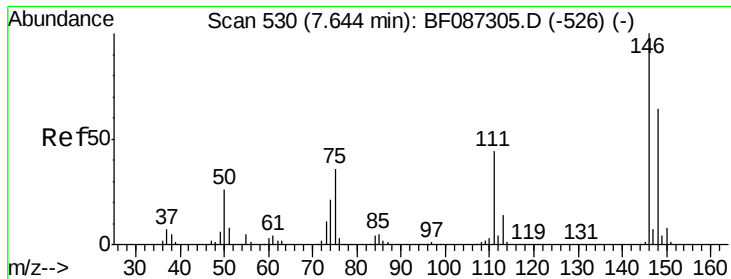
148 63.4 52.4 78.6

75 38.8 22.8 34.2#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.17 ng m

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

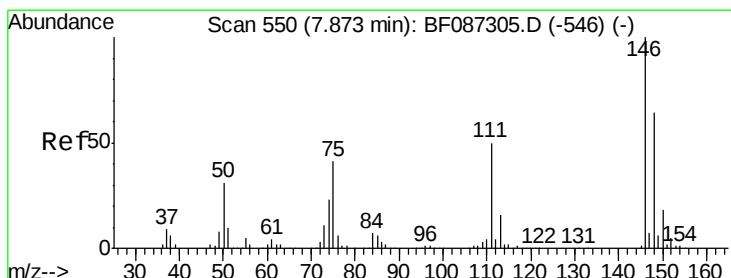
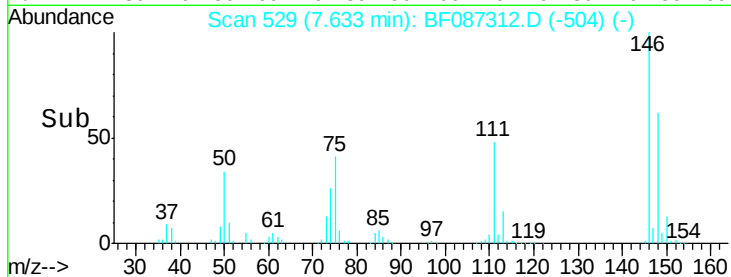
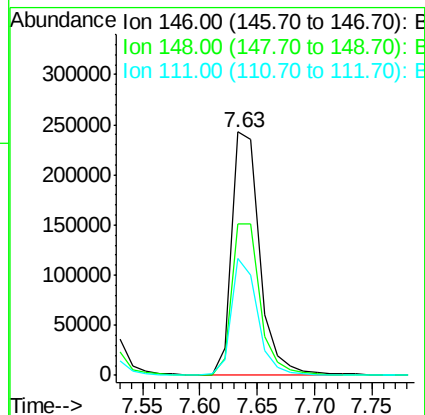
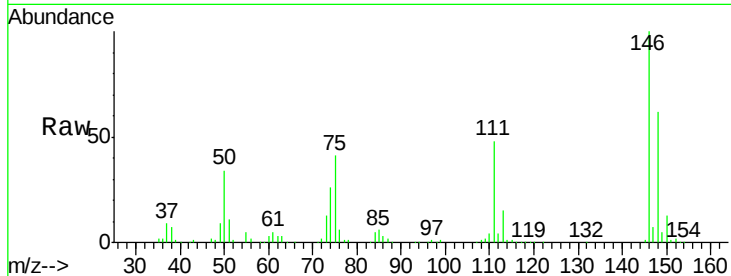
ClientSampleId :

PB90743BS

Tgt Ion:	146	Resp:	415509
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.2	78.4
111	48.1	30.7	46.1#

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#14

1,2-Dichlorobenzene

Concen: 38.12 ng

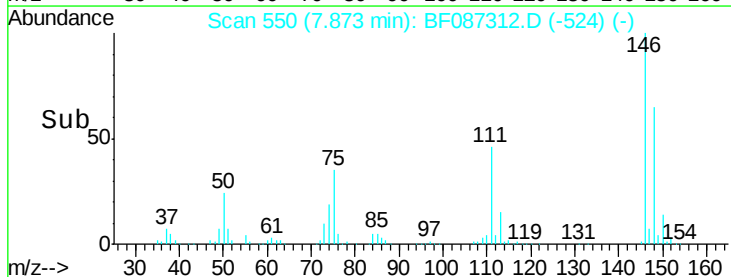
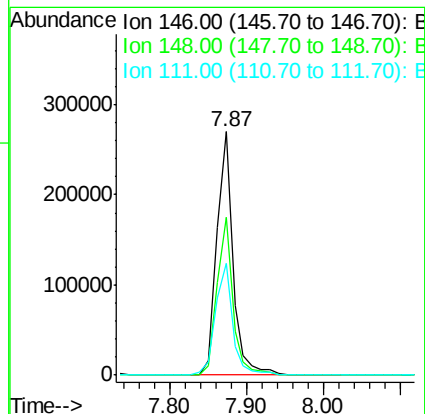
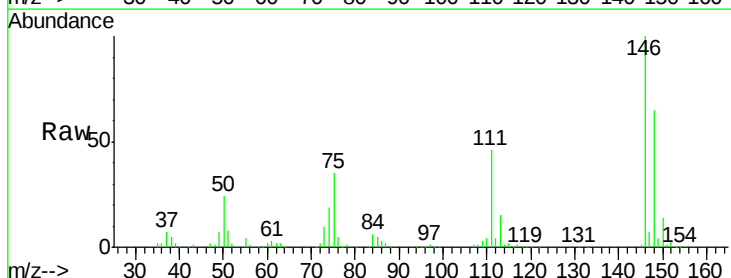
RT: 7.87 min Scan# 550

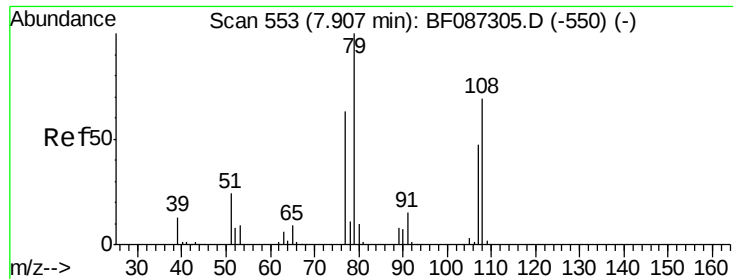
Delta R.T. 0.00 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Tgt Ion:	146	Resp:	394135
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.0	76.6
111	45.7	36.2	54.4





#15

Benzyl Alcohol

Concen: 45.21 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

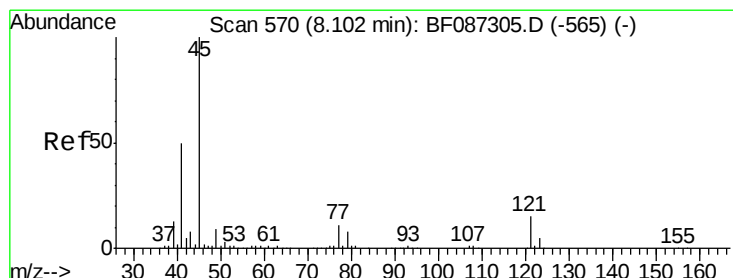
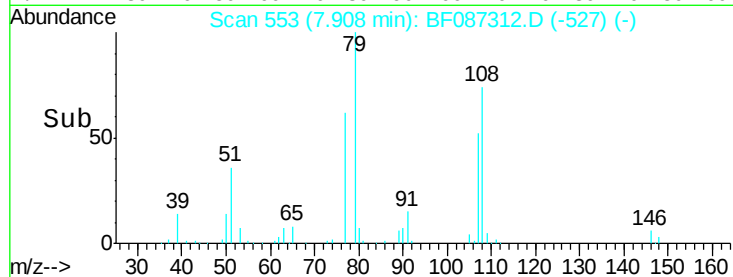
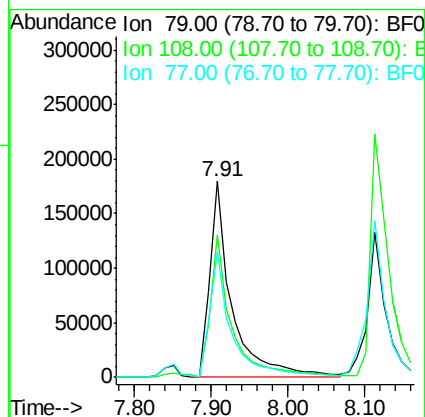
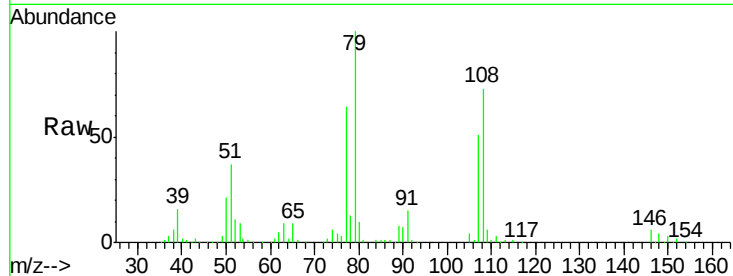
ClientSampleId :

PB90743BS

Tgt Ion:	79	Resp:	356469
Ion Ratio	Lower	Upper	
79	100		
108	72.6	68.4	102.6
77	64.0	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.24 ng

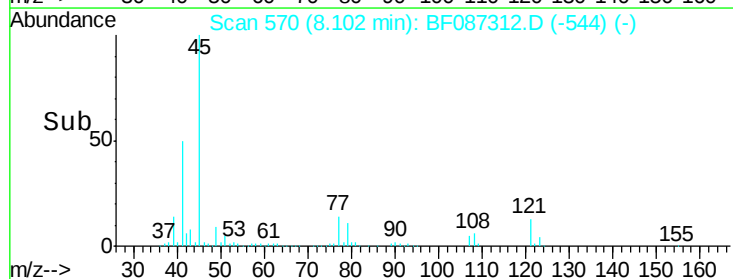
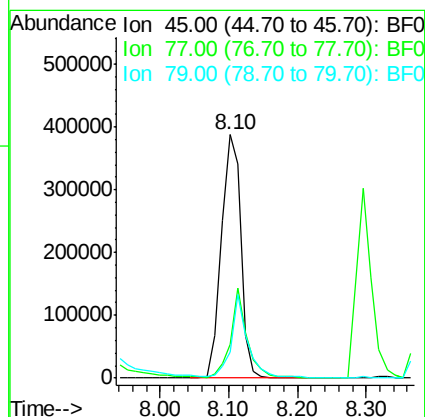
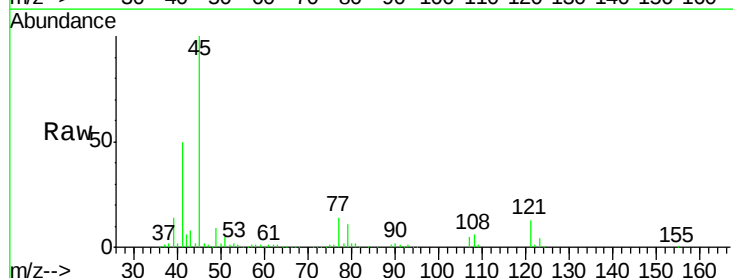
RT: 8.10 min Scan# 570

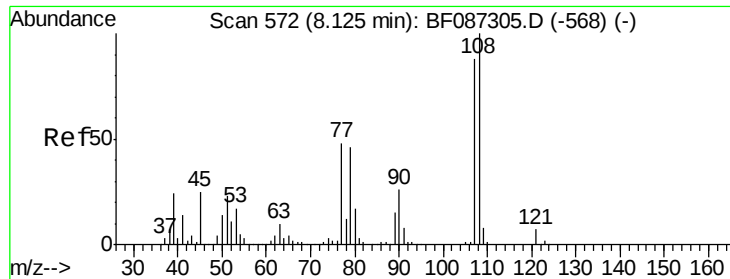
Delta R.T. 0.00 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Tgt Ion:	45	Resp:	779547
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	36.4
79	10.9	0.0	33.4





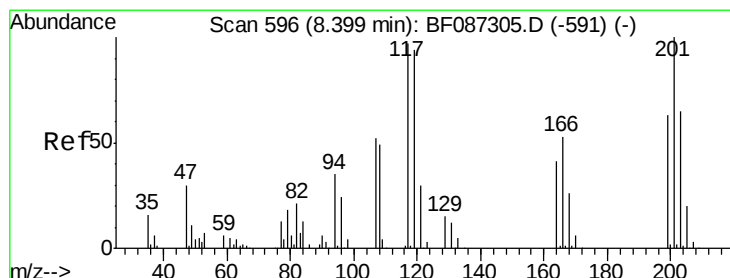
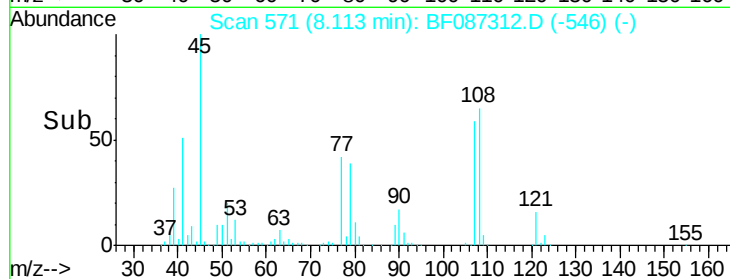
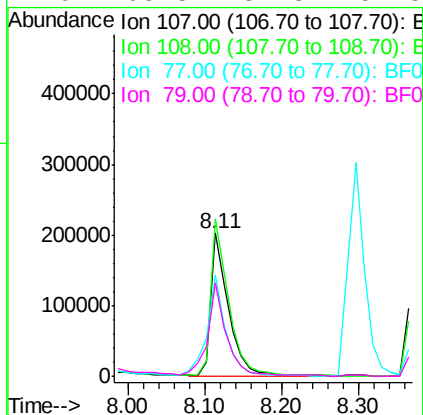
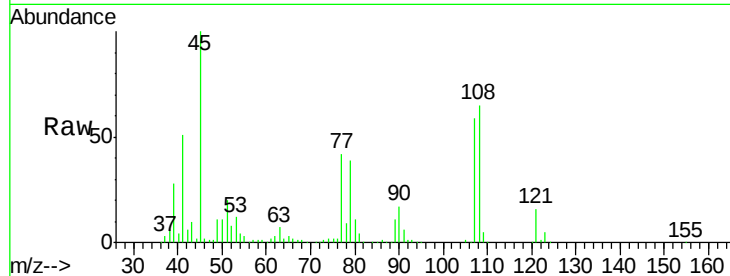
#17
2-Methylphenol
Concen: 39.80 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	93.7	140.5	
77	70.6	33.4	50.0	
79	65.5	34.3	51.5	

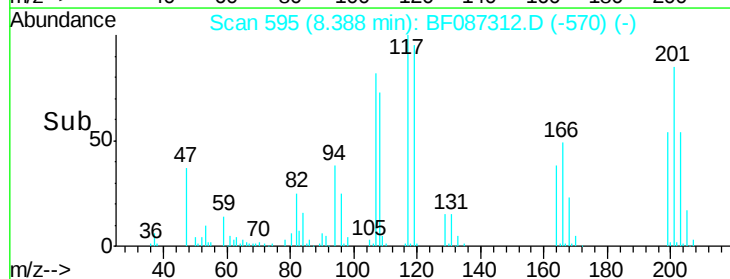
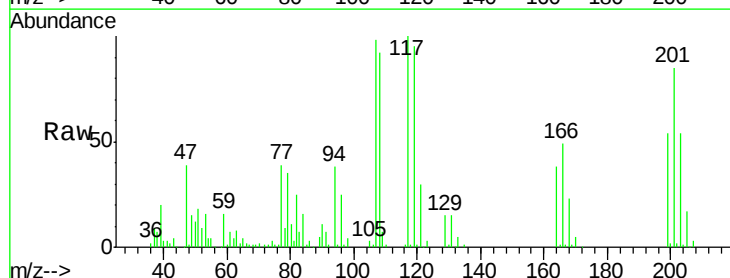
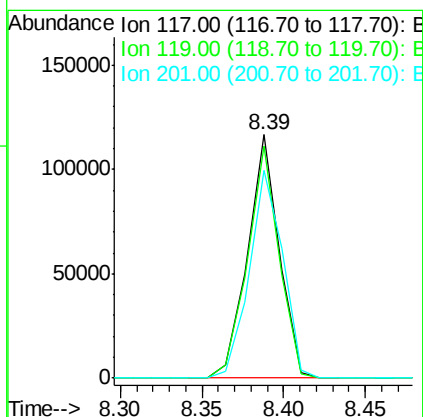
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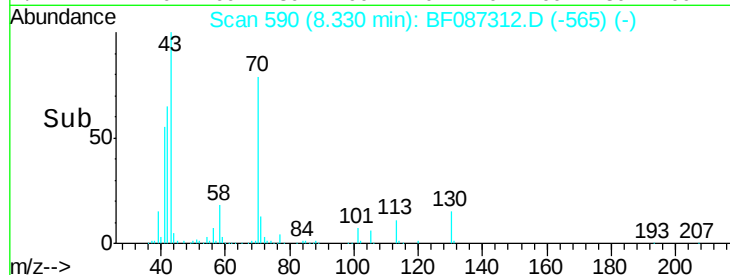
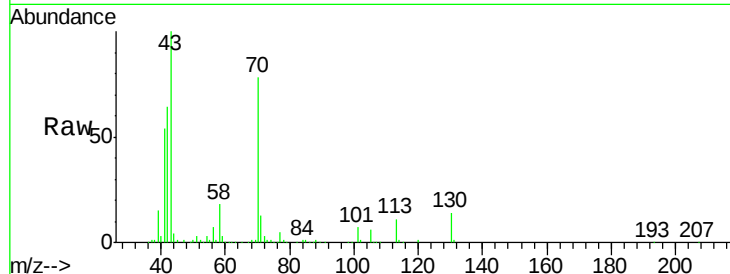
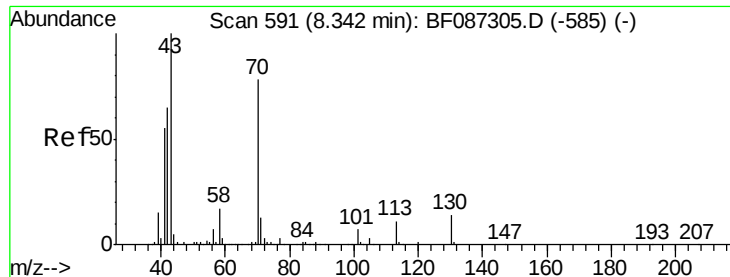
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#18
Hexachloroethane
Concen: 37.40 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	76.5	114.7	
201	85.2	63.0	94.6	





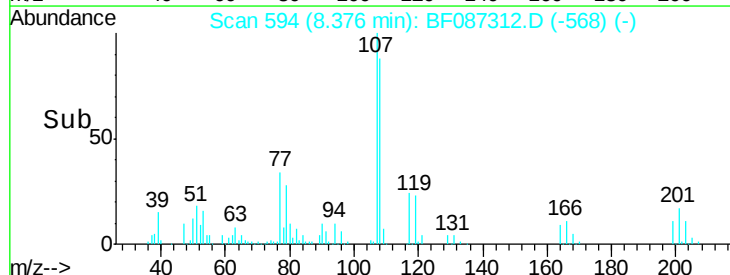
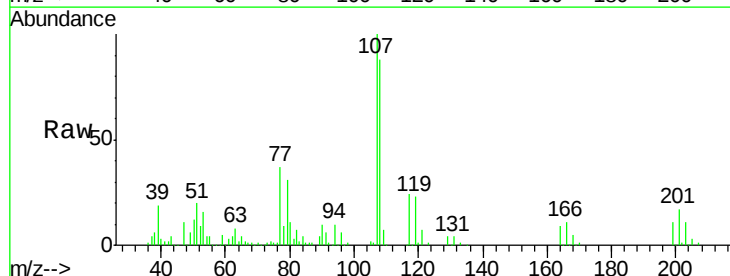
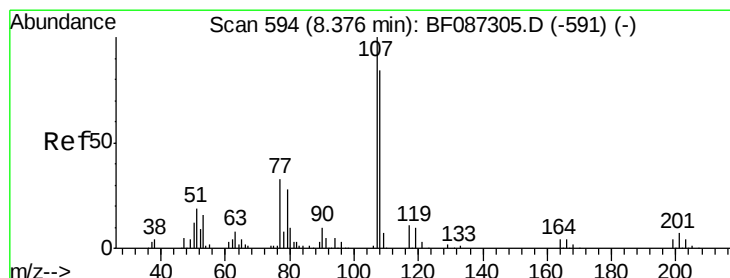
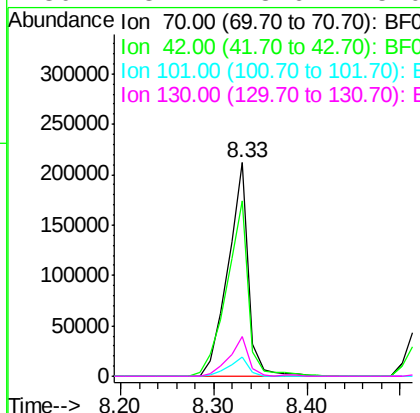
#19
n-Nitroso-di-n-propylamine
Concen: 40.05 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	82.3	43.1	64.7#
101	9.0	8.1	12.1
130	18.4	18.6	28.0#

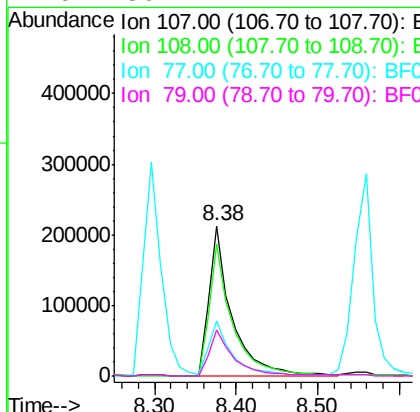
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#20
3+4-Methylphenols
Concen: 42.57 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.5	108.5
77	36.7	101.6	141.6#
79	30.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087312.D

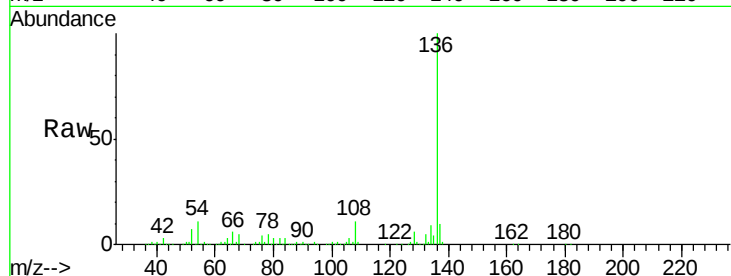
Acq: 23 May 2016 21:42

Instrument :

BNA_F

ClientSampleId :

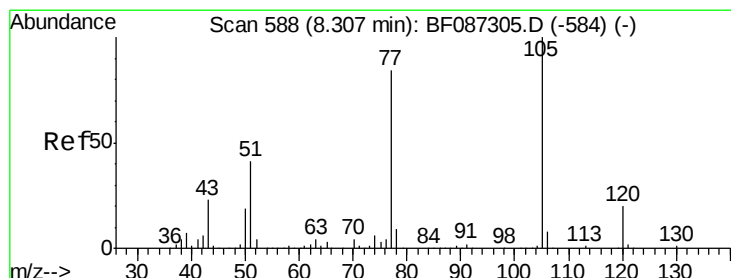
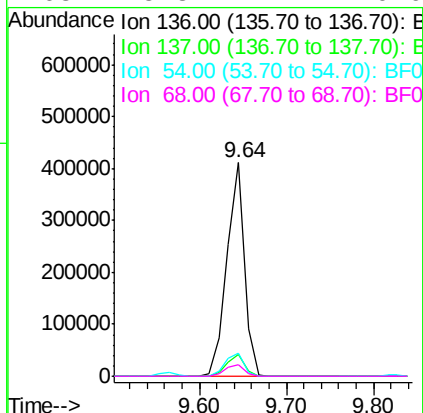
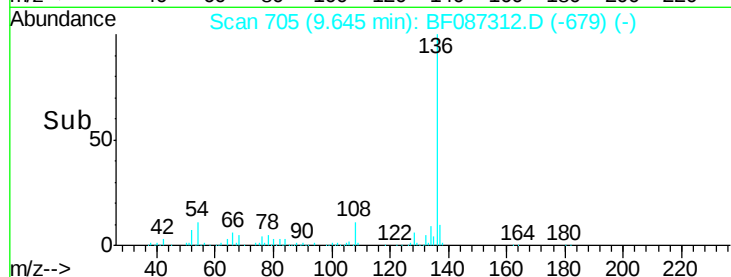
PB90743BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	579251		
137	10.5	8.8	13.2	
54	10.7	5.0	7.4#	
68	5.3	4.4	6.6	

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#22

Acetophenone

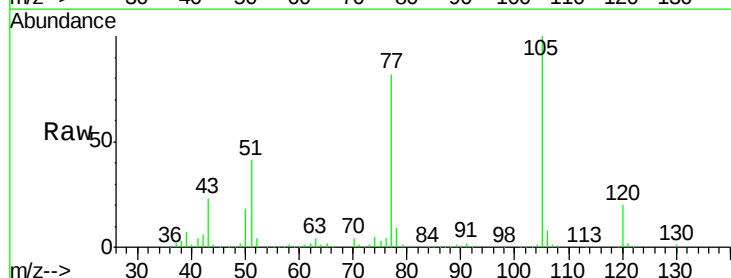
Concen: 41.07 ng

RT: 8.30 min Scan# 587

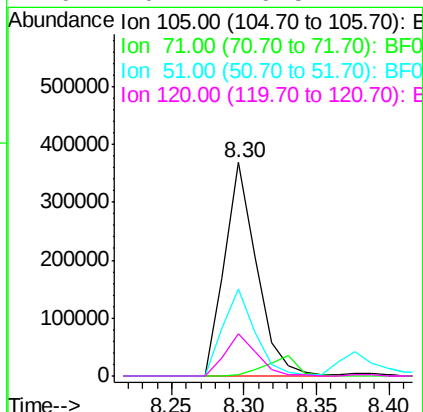
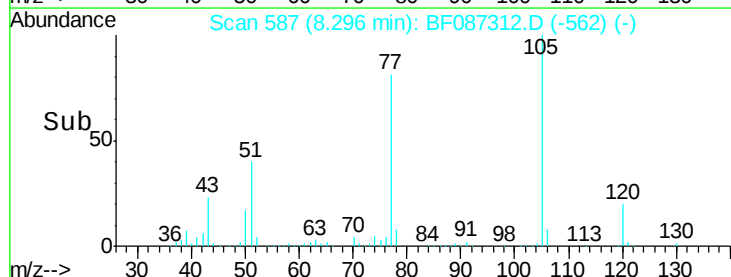
Delta R.T. -0.01 min

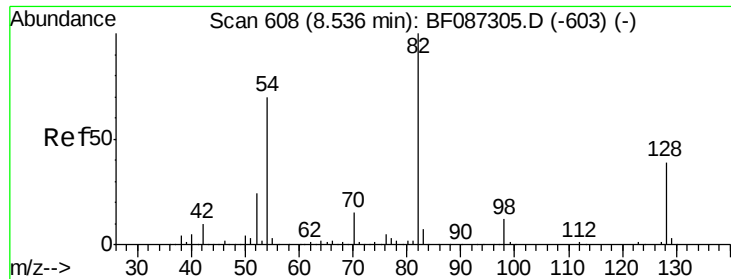
Lab File: BF087312.D

Acq: 23 May 2016 21:42



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	568284		
71	0.7	4.8	7.2#	
51	40.6	32.6	49.0	
120	20.1	16.5	24.7	





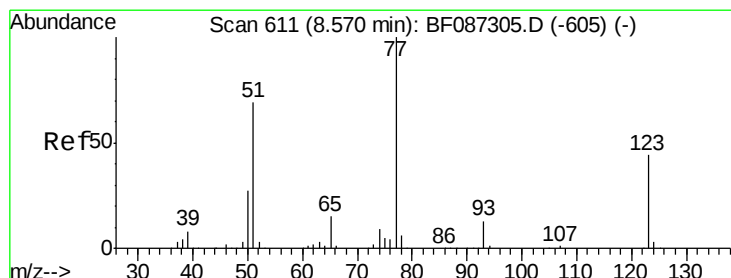
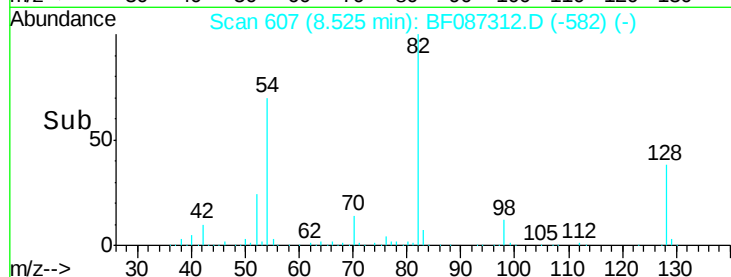
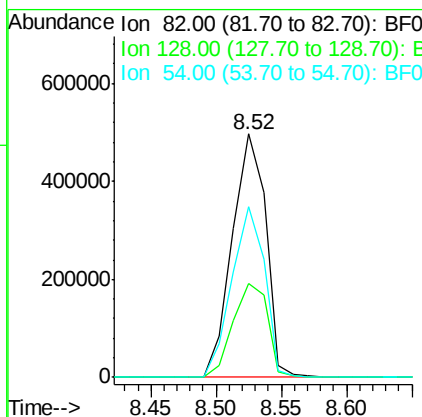
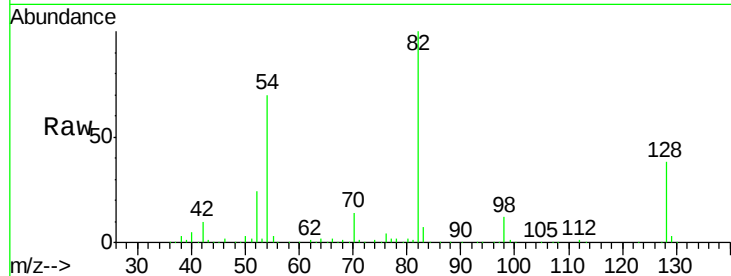
#23
 Nitrobenzene-d5
 Concen: 77.34 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.4	40.6	61.0#
54	70.1	38.1	57.1#

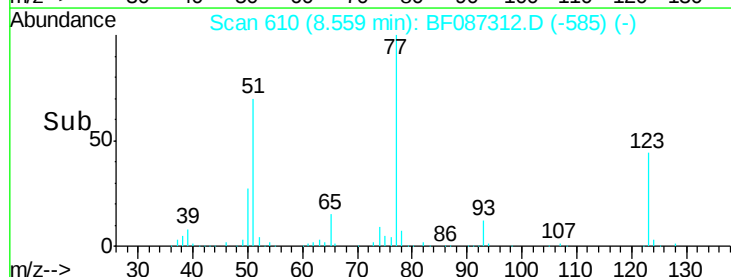
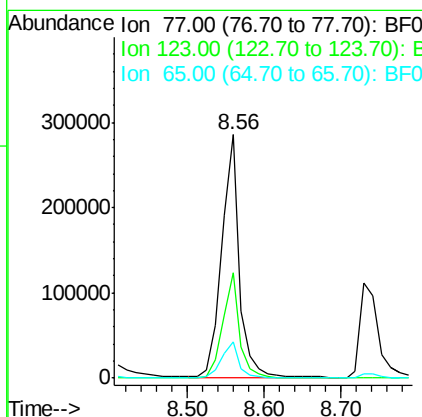
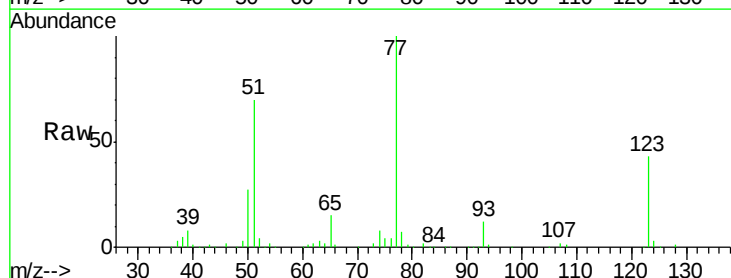
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#24
 Nitrobenzene
 Concen: 37.80 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	43.4	33.0	49.4
65	14.7	10.8	16.2





#25

Isophorone

Concen: 39.22 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

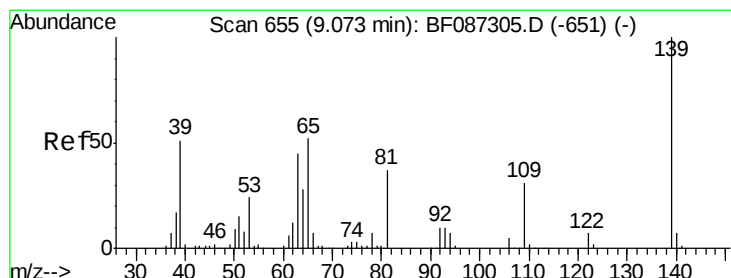
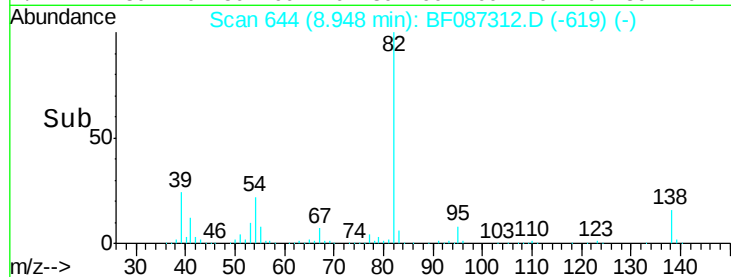
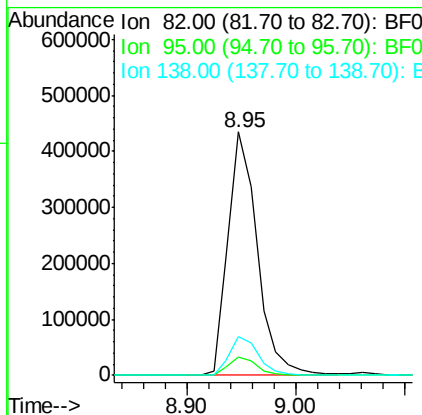
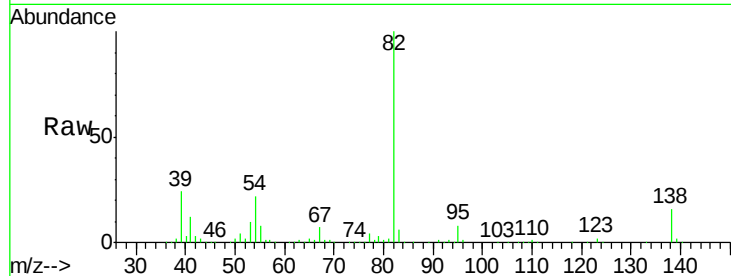
ClientSampled :

PB90743BS

Tgt Ion:	82	Resp:	808454
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.1	7.7
138	15.7	12.4	18.6

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#26

2-Nitrophenol

Concen: 40.46 ng

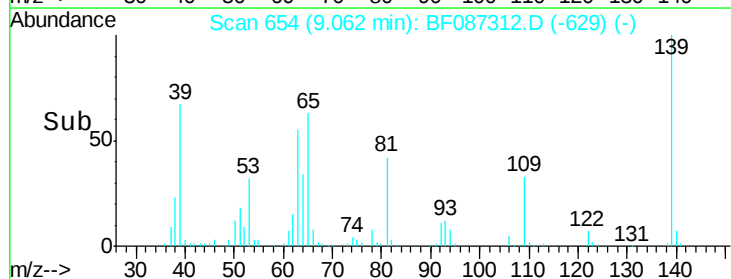
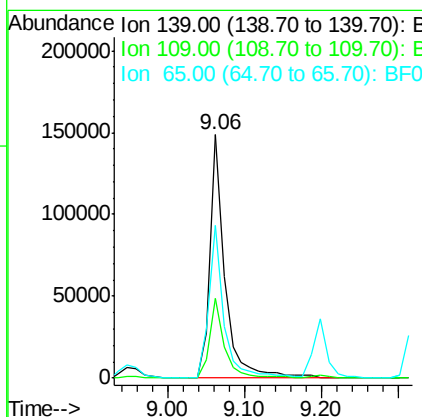
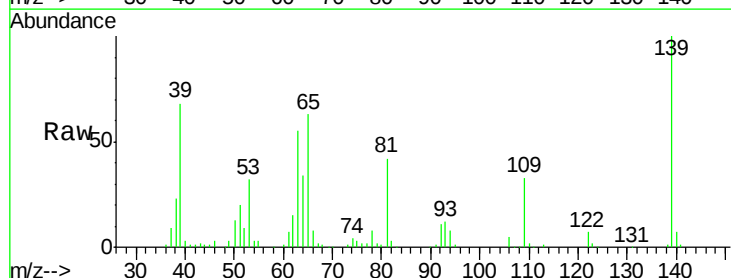
RT: 9.06 min Scan# 654

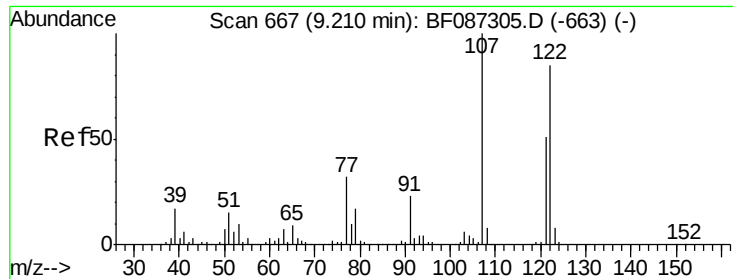
Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Tgt Ion:	139	Resp:	200668
Ion Ratio		Lower	Upper
139	100		
109	32.8	19.5	29.3#
65	62.9	37.5	56.3#





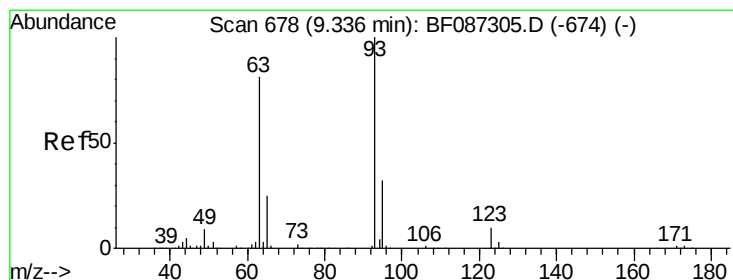
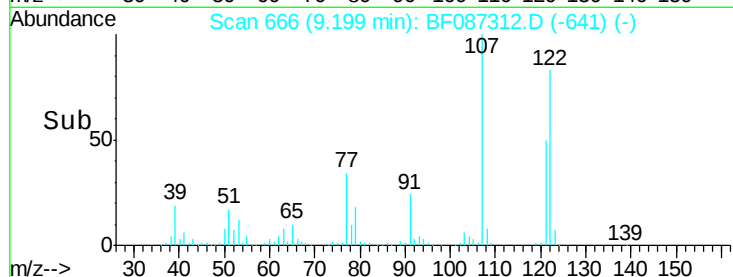
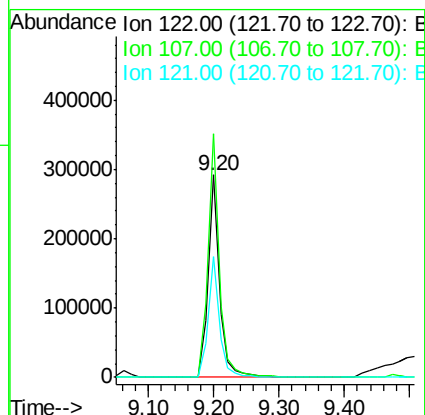
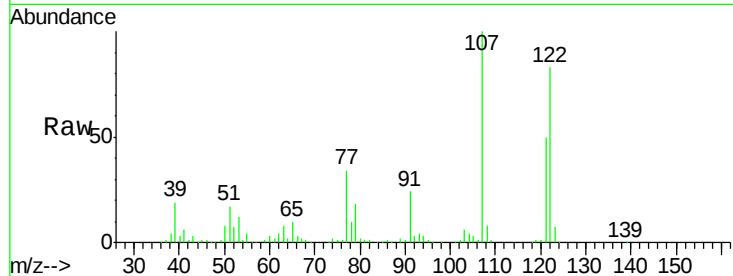
#27
 2,4-Dimethylphenol
 Concen: 41.40 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	356392		
107	120.3	82.0	123.0	
121	59.9	46.1	69.1	

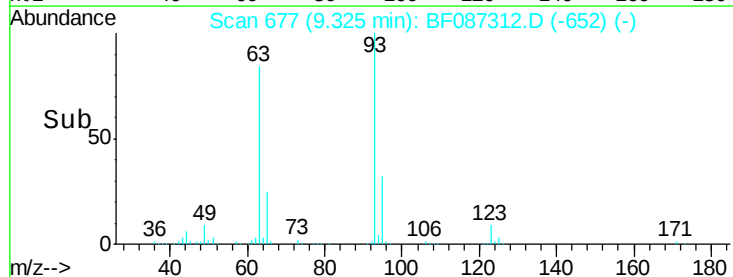
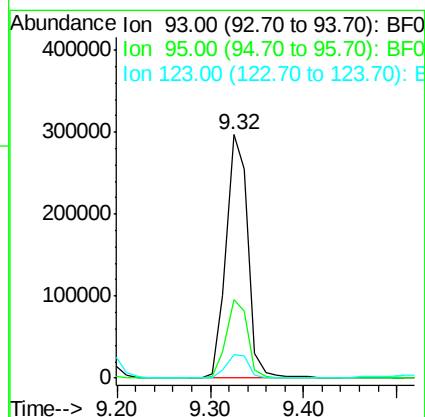
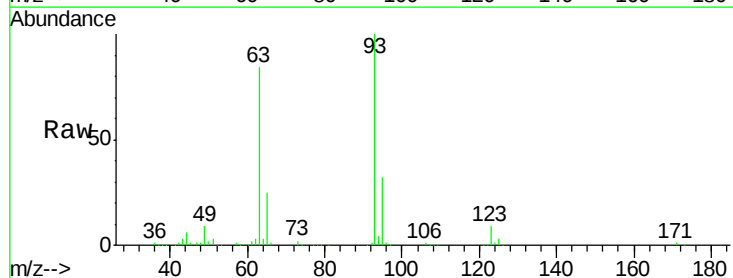
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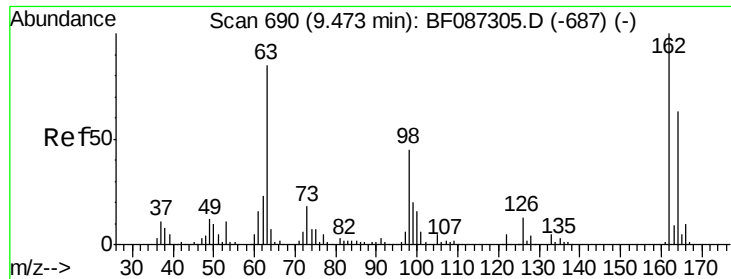
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.72 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	484370		
95	32.2	26.0	39.0	
123	9.5	9.5	14.3	





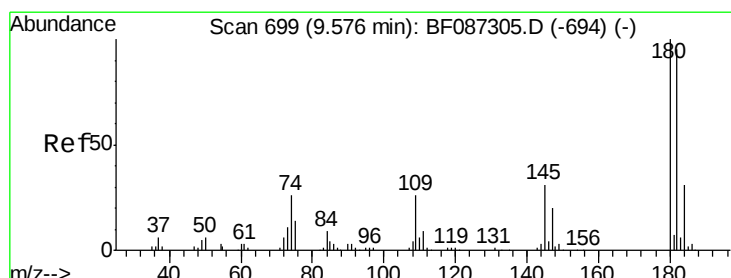
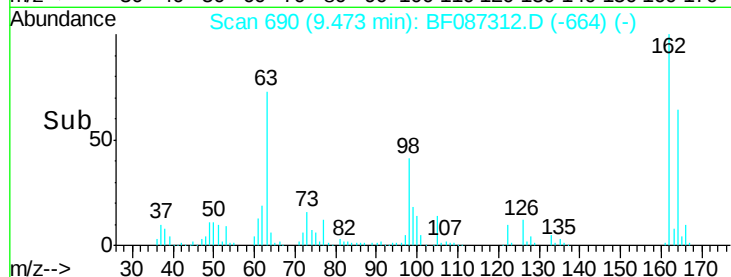
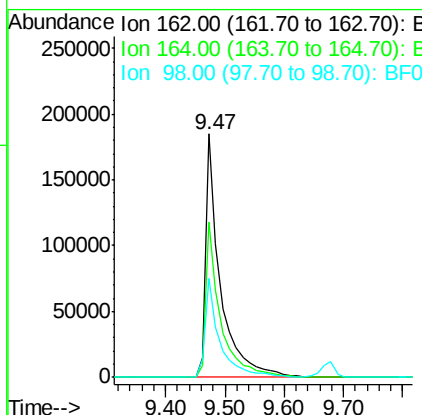
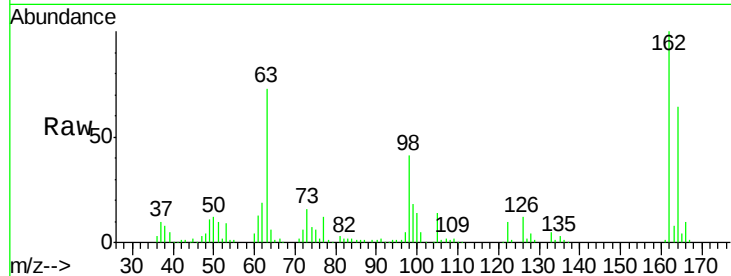
#29
 2,4-Dichlorophenol
 Concen: 41.30 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt Ion:	162	Resp:	320429
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.2	82.2
98	40.9	19.0	59.0

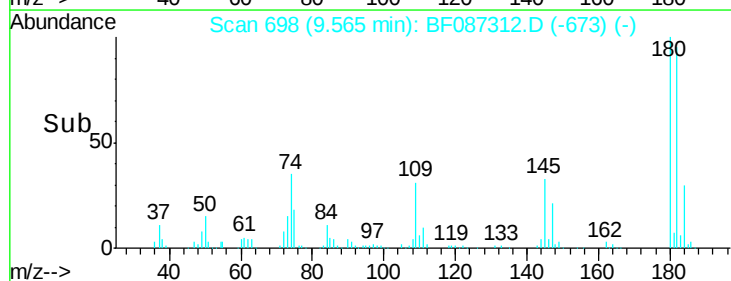
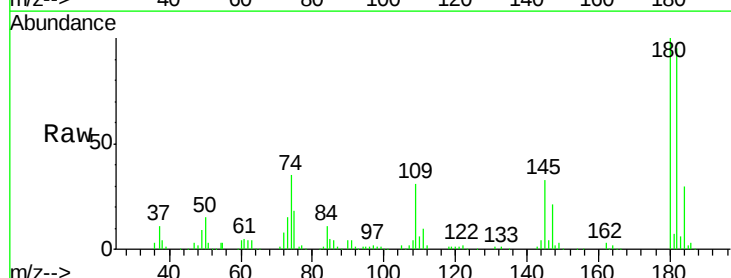
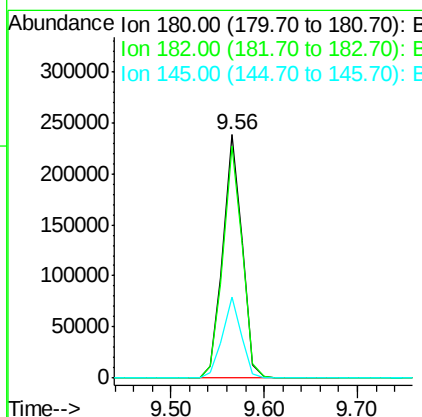
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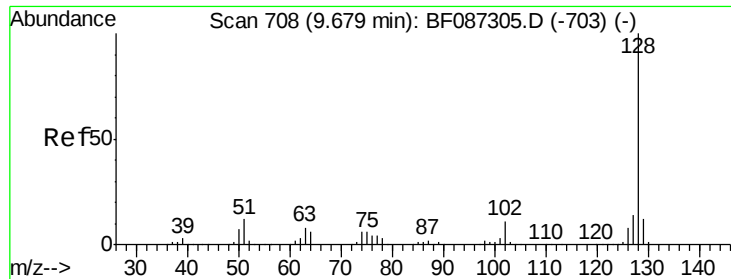
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.61 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion:	180	Resp:	342950
Ion Ratio	Lower	Upper	
180	100		
182	95.3	78.0	117.0
145	33.3	24.2	36.2





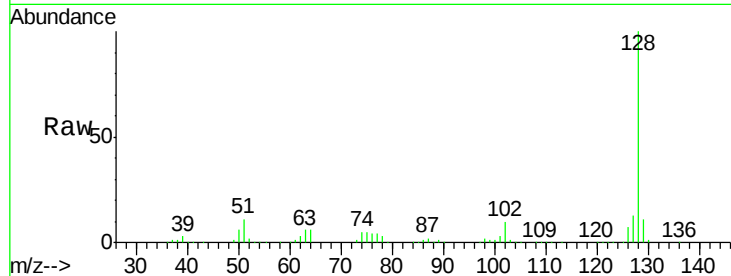
#31
Naphthalene
Concen: 39.15 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

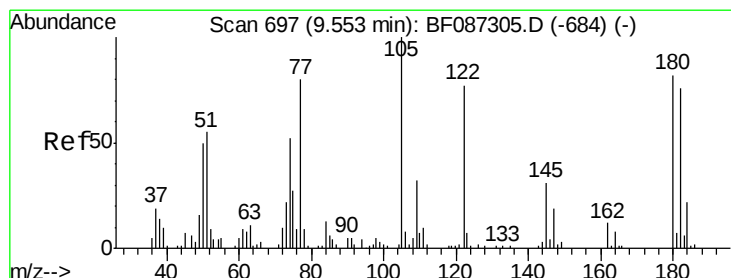
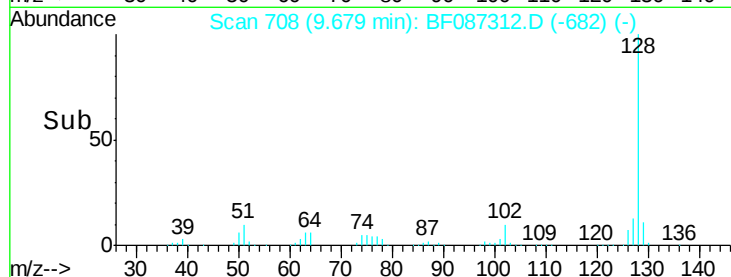
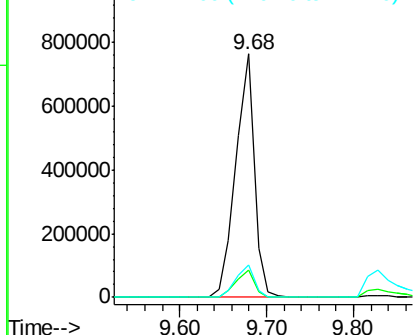
Tgt Ion:128 Resp: 1136315
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.8 16.2

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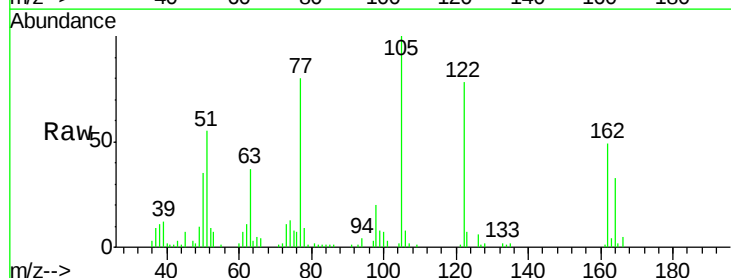


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

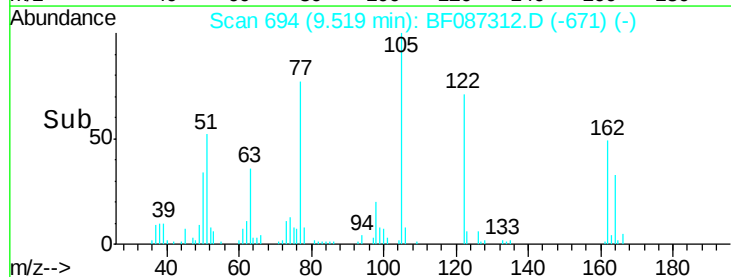
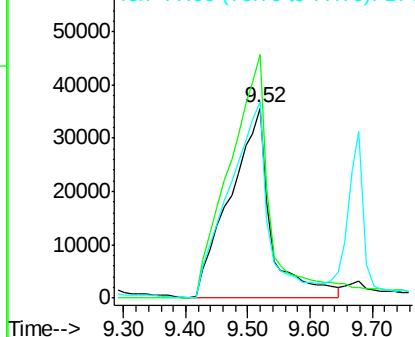


#32
Benzoic acid
Concen: 38.12 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion:122 Resp: 162946
Ion Ratio Lower Upper
122 100
105 128.0 92.6 132.6
77 102.9 60.0 100.0#



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





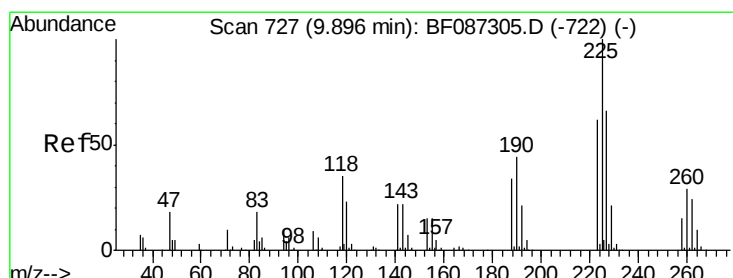
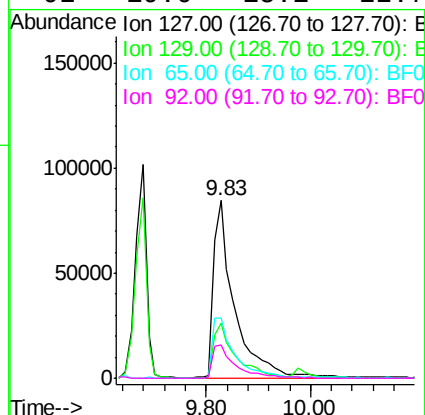
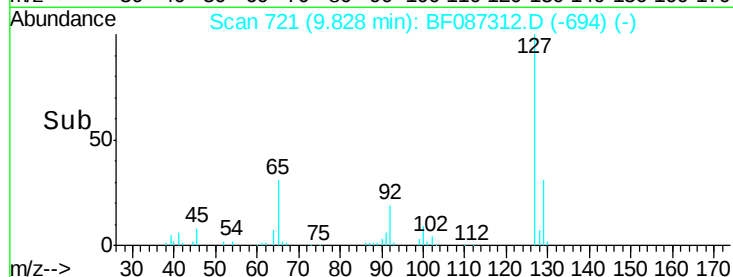
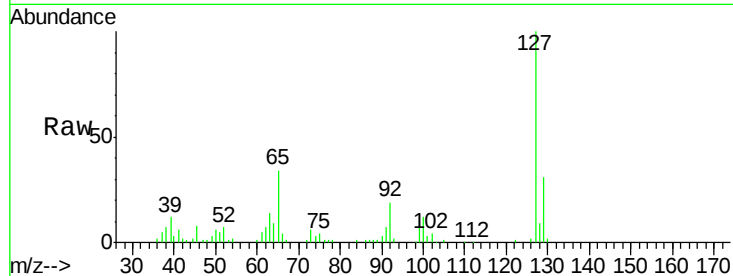
#33
4-Chloroaniline
Concen: 22.10 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	236258		
129	30.8	26.2	39.4	
65	33.5	23.0	34.4	
92	19.0	15.1	22.7	

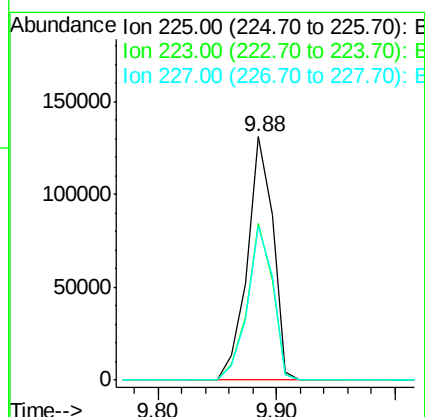
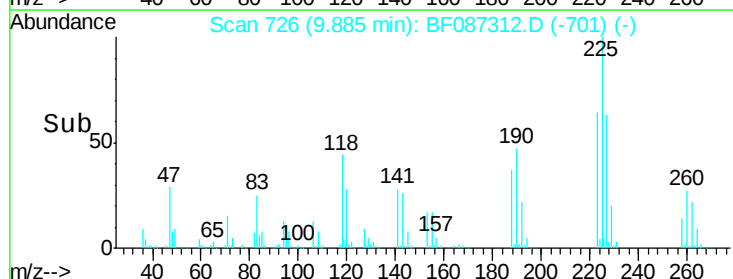
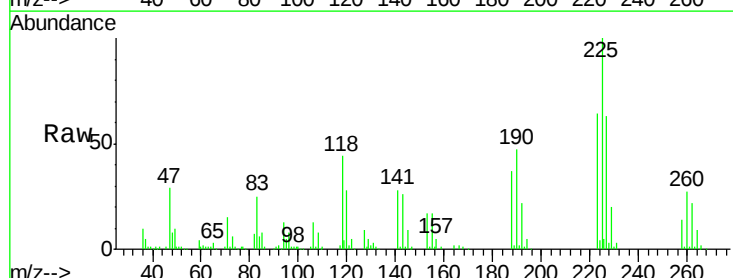
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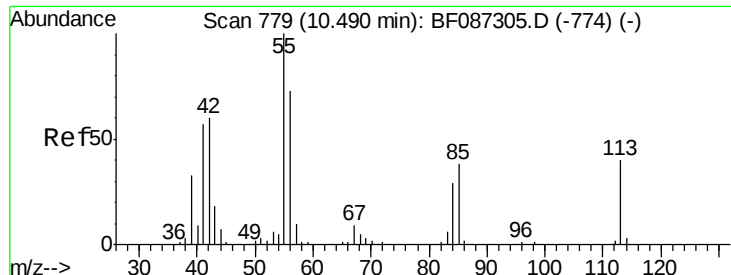
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#34
Hexachlorobutadiene
Concen: 37.03 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199938		
223	64.1	51.5	77.3	
227	63.1	52.2	78.2	





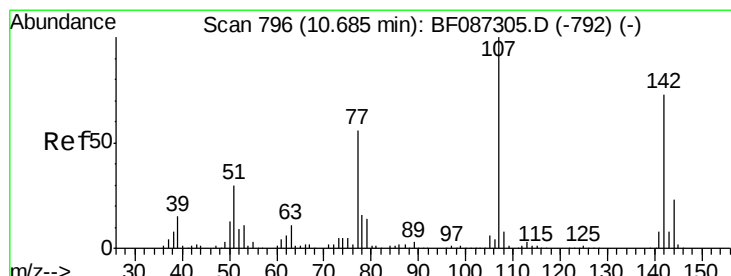
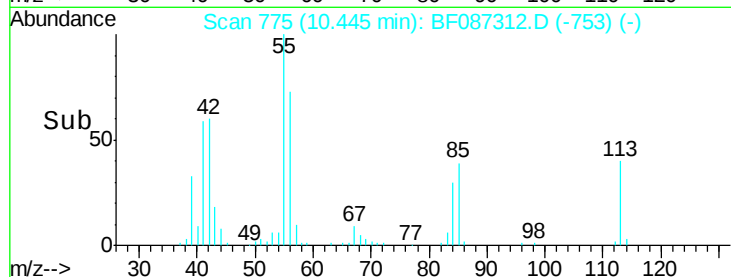
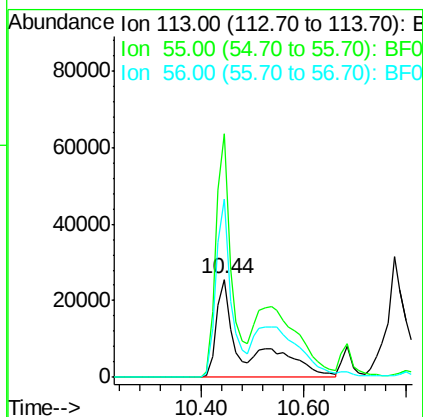
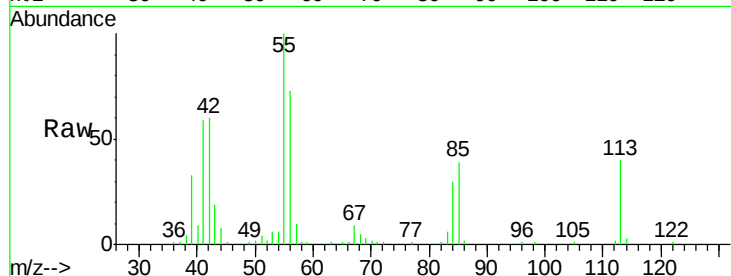
#35
 Caprolactam
 Concen: 42.92 ng m
 RT: 10.44 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	249.0	162.0	202.0#
56	182.3	115.3	155.3#

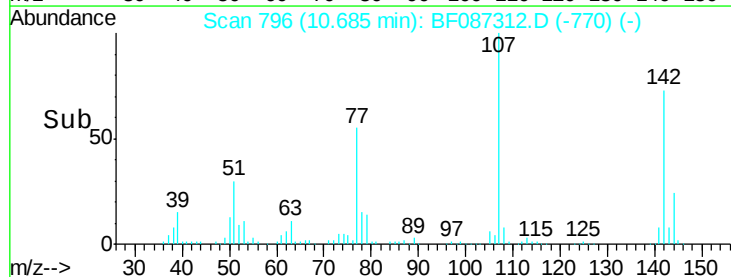
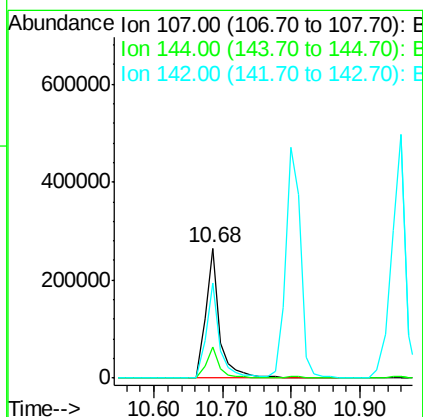
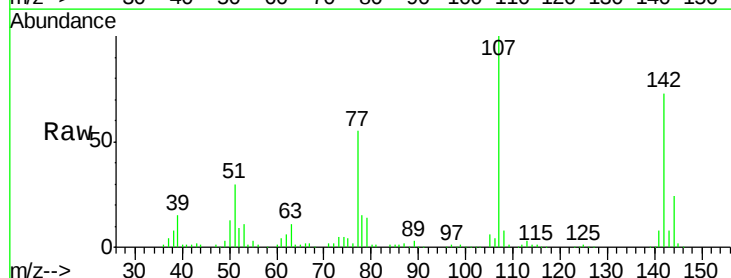
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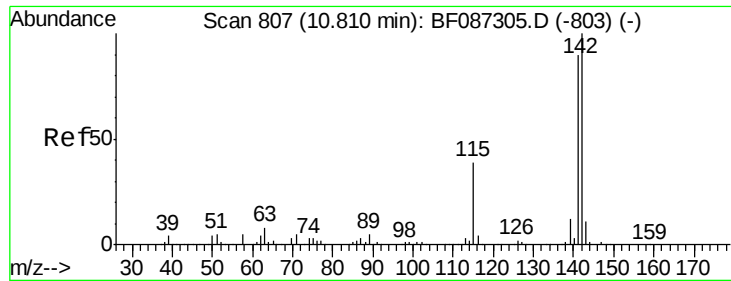
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#36
 4-Chloro-3-methylphenol
 Concen: 42.39 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	20.7	31.1
142	73.1	63.2	94.8





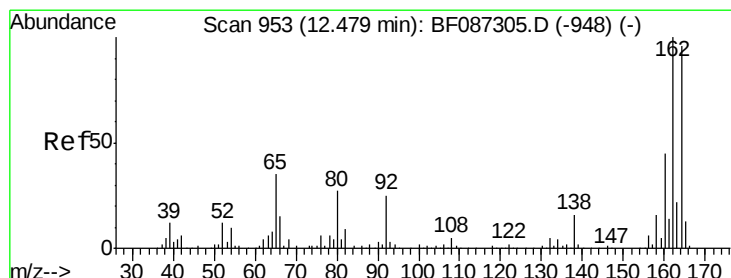
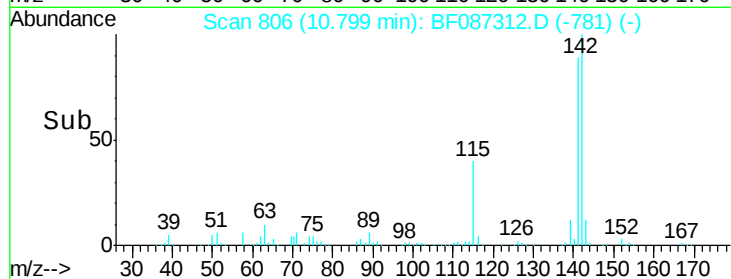
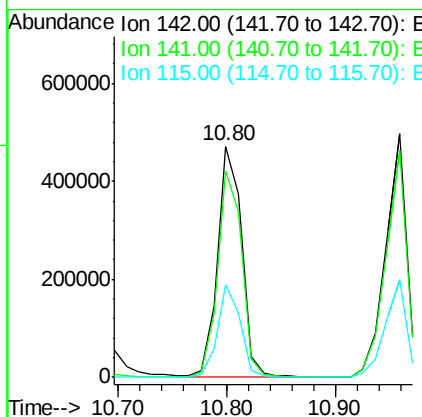
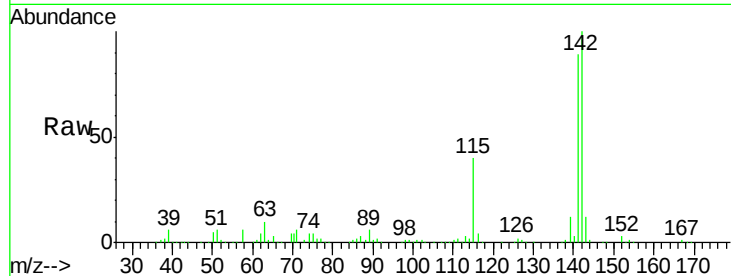
#37
 2-Methylnaphthalene
 Concen: 40.06 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	40.3	26.6	39.8

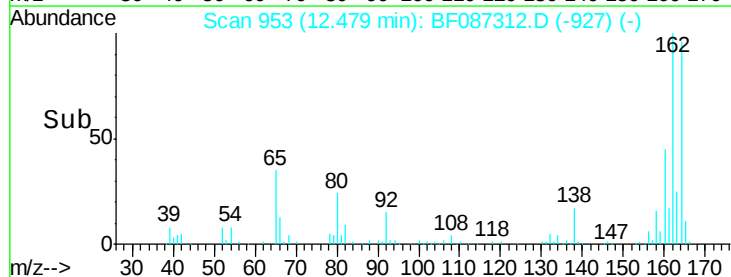
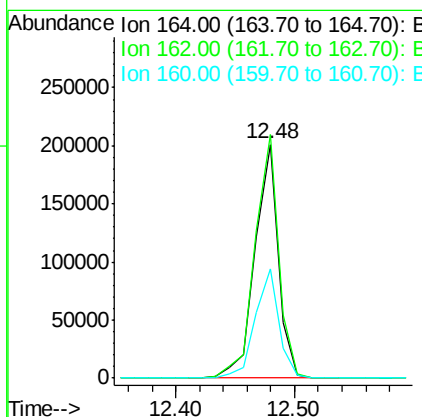
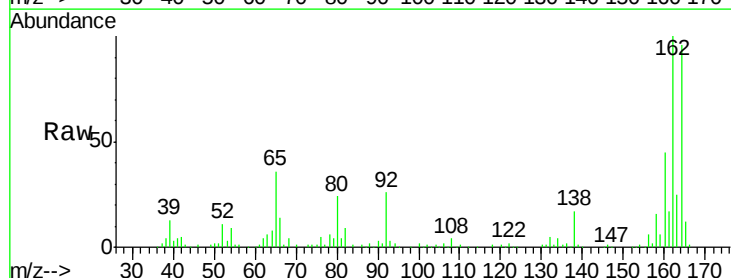
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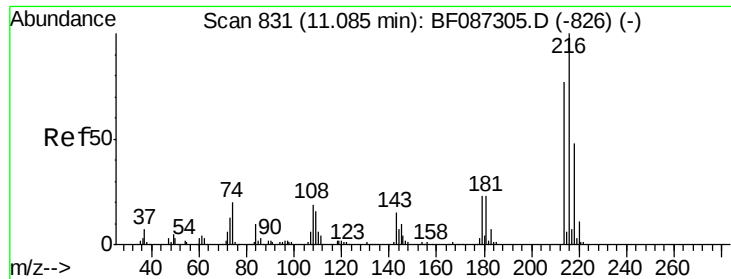
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.8	124.2
160	46.9	36.9	55.3





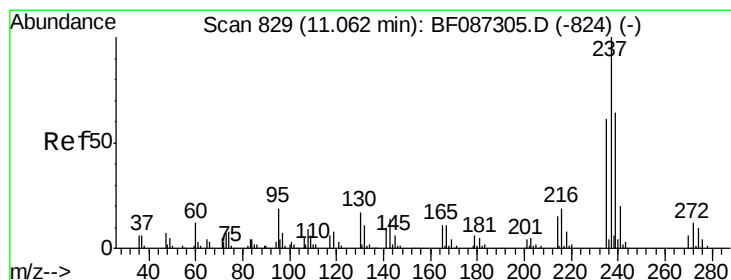
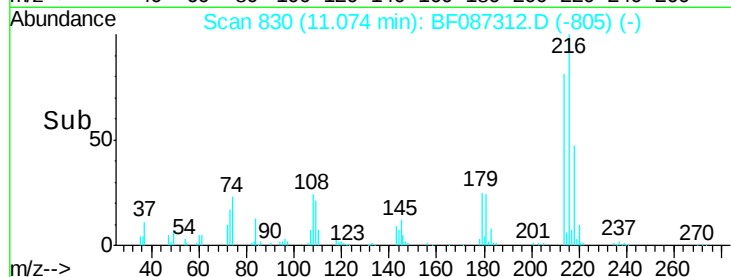
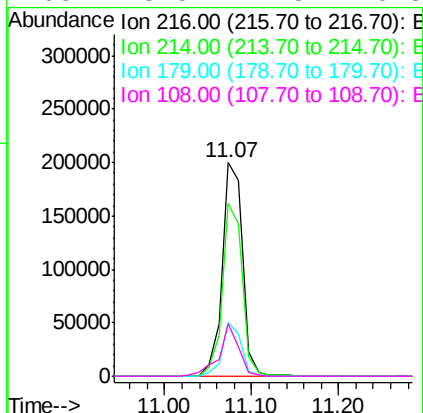
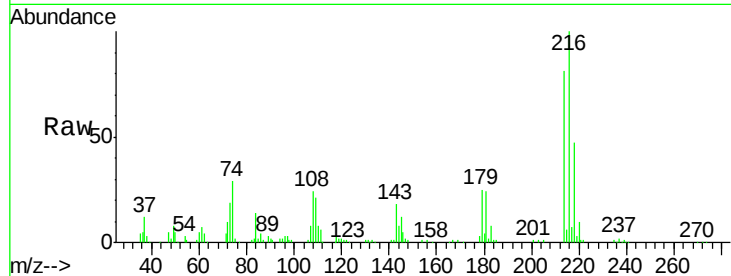
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.71 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

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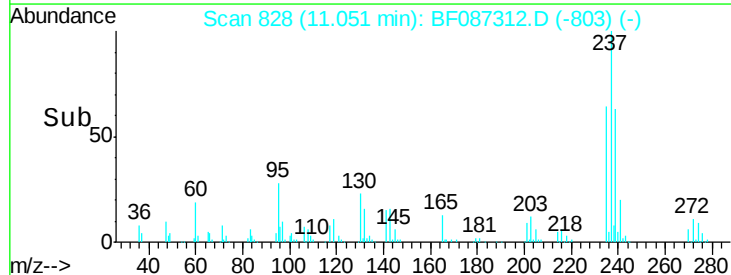
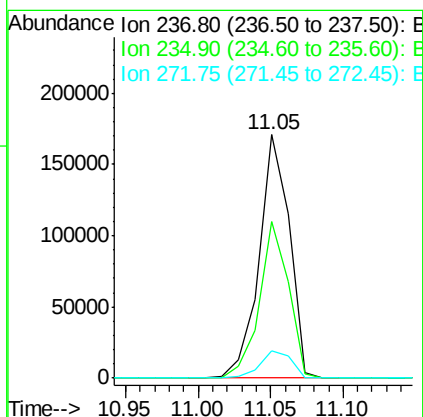
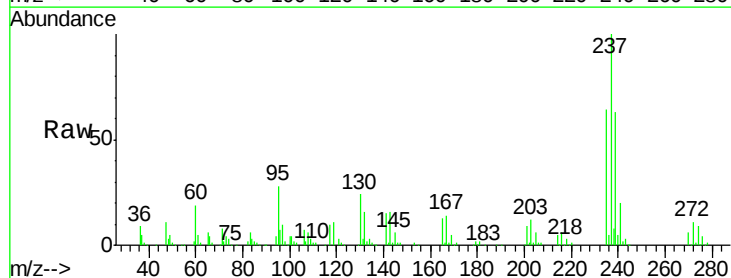
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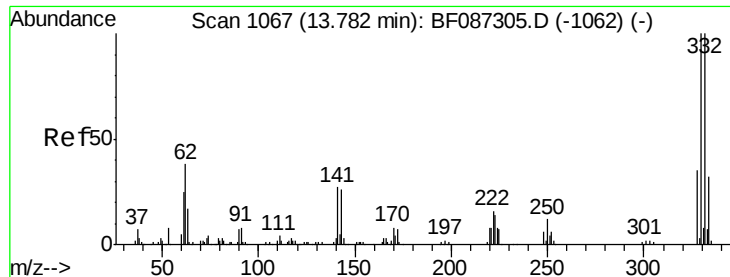
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	325147		
214	79.2	62.6	93.8	
179	23.6	18.2	27.4	
108	23.5	17.5	26.3	



#40
 Hexachlorocyclopentadiene
 Concen: 69.17 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	246842		
235	64.3	47.2	87.2	
272	11.3	0.0	31.1	





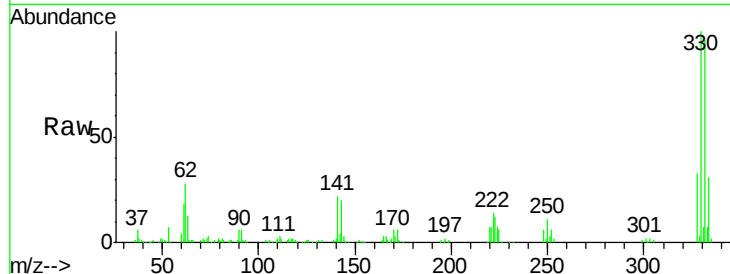
#41
 2,4,6-Tribromophenol
 Concen: 119.49 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

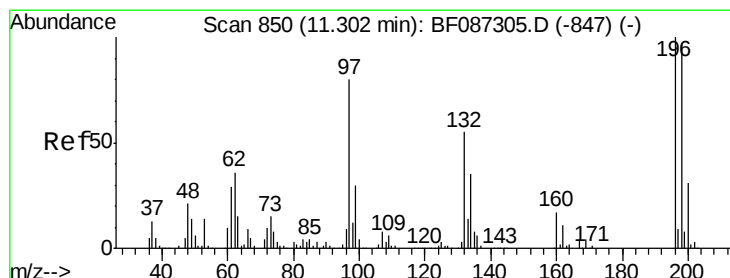
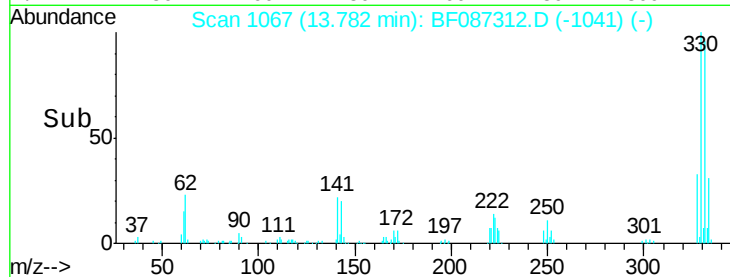
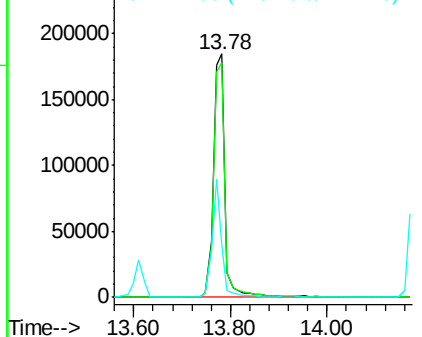
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	317726		
332	96.5	79.0	118.4	
141	40.0	31.2	46.8	

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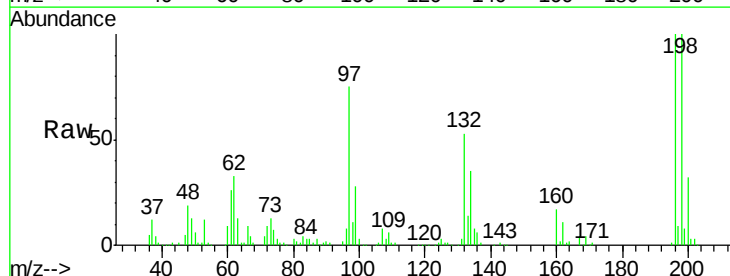


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

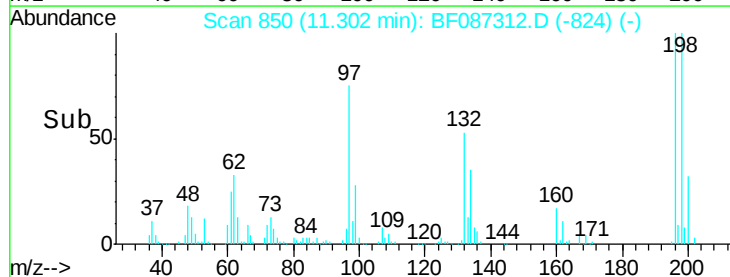
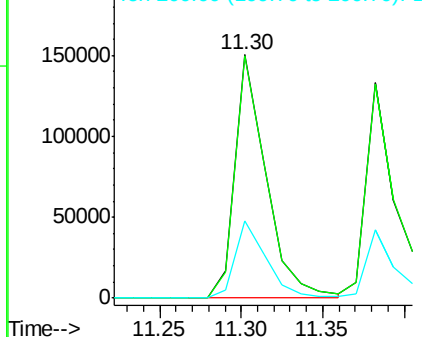


#42
 2,4,6-Trichlorophenol
 Concen: 38.92 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198962		
198	99.6	74.7	112.1	
200	31.7	23.8	35.6	



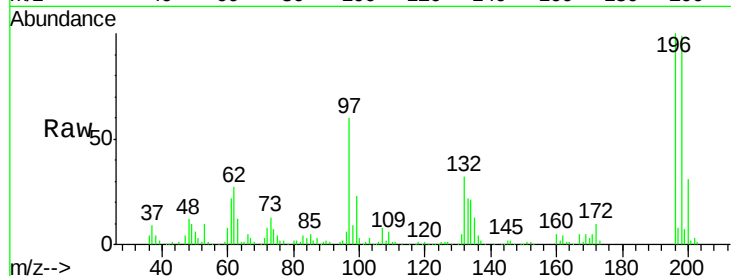
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.15 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

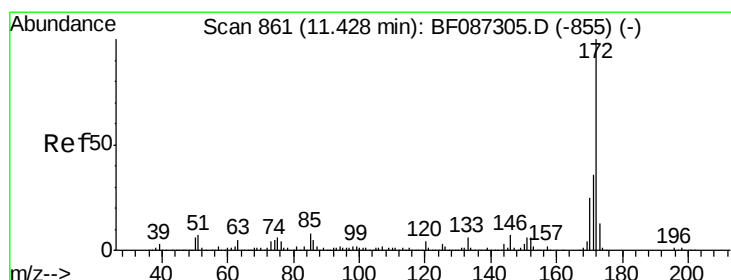
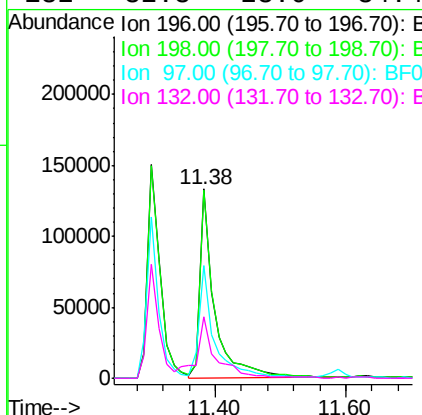
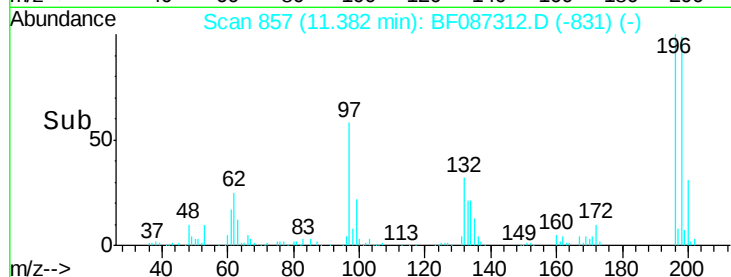
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS



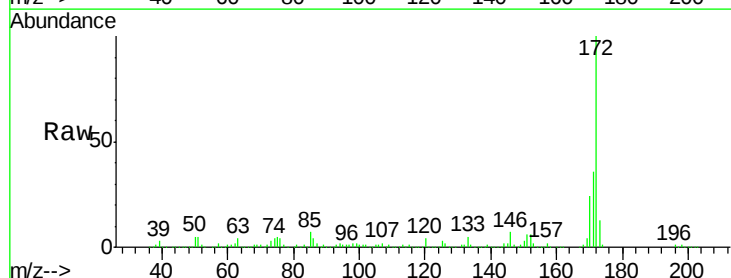
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203817		
198	99.3	77.5	116.3	
97	59.8	34.8	52.2	
132	32.3	23.0	34.4	

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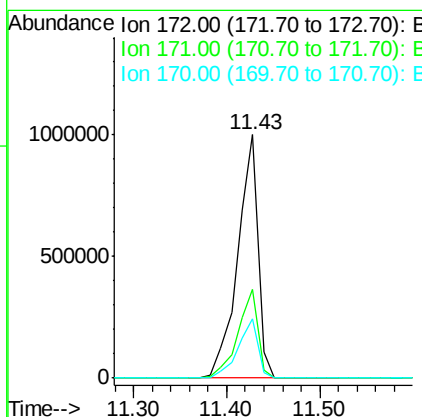
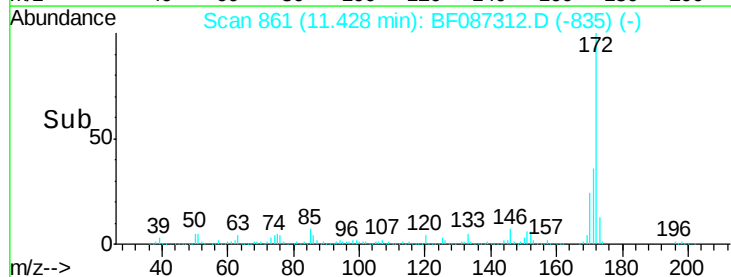
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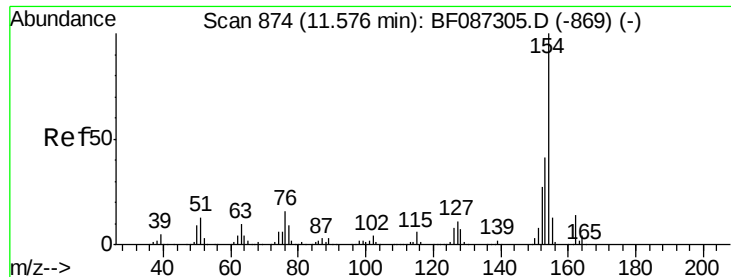


#44
 2-Fluorobiphenyl
 Concen: 77.40 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1519232		
171	36.2	29.0	43.6	
170	24.5	19.8	29.8	





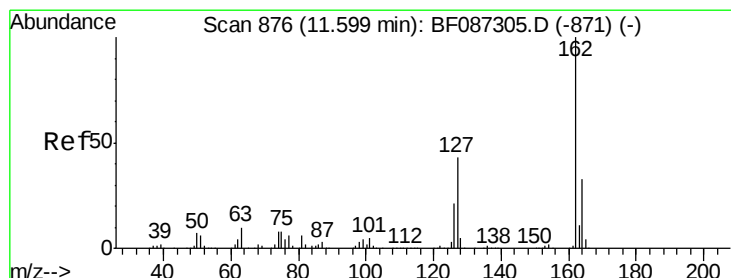
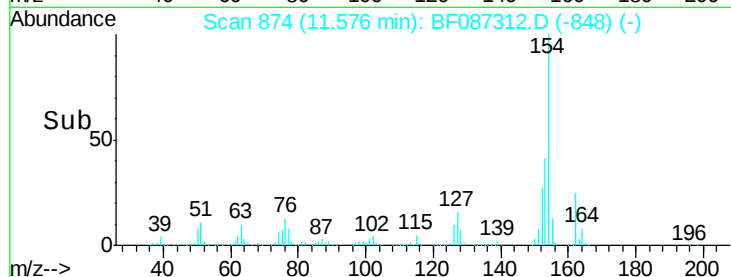
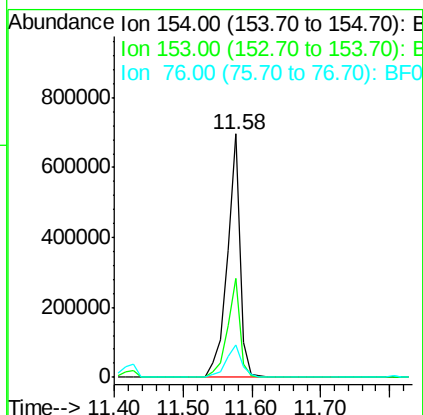
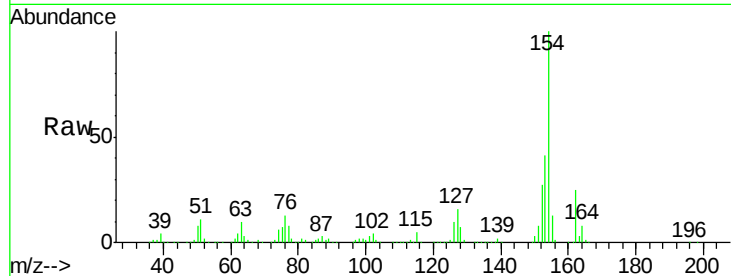
#45
1,1'-Biphenyl
Concen: 39.20 ng
RT: 11.58 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	913141		
153	40.8	20.3	60.3	
76	13.3	0.0	30.2	

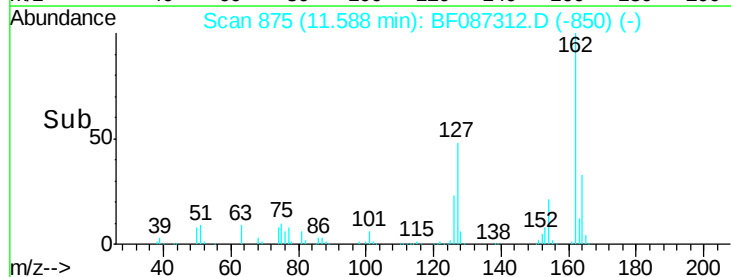
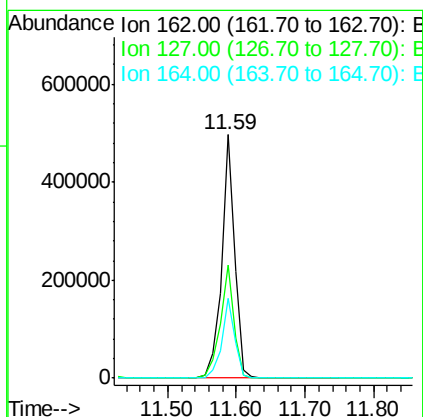
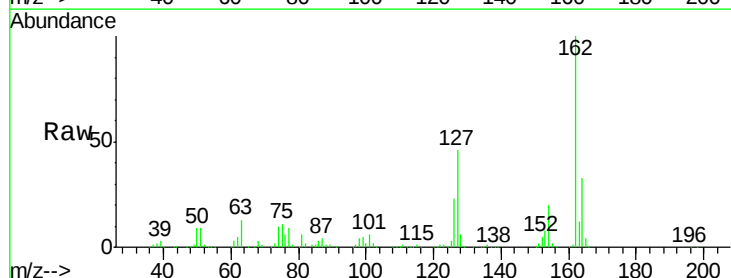
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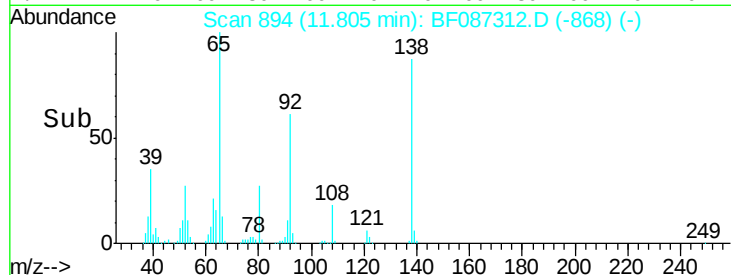
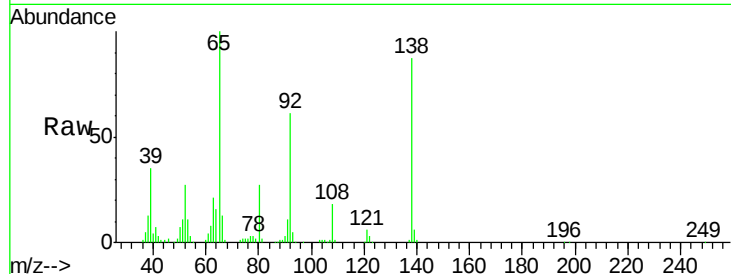
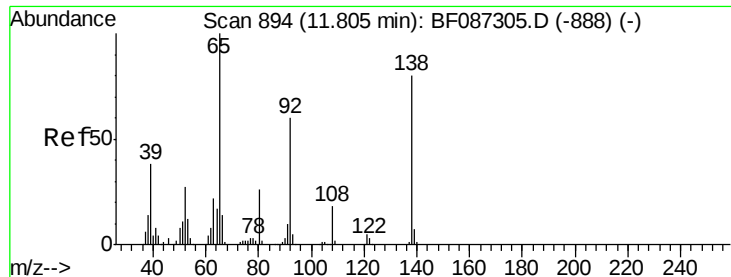
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#46
2-Chloronaphthalene
Concen: 37.30 ng
RT: 11.59 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	664882		
127	46.4	31.8	47.6	
164	32.9	27.0	40.6	





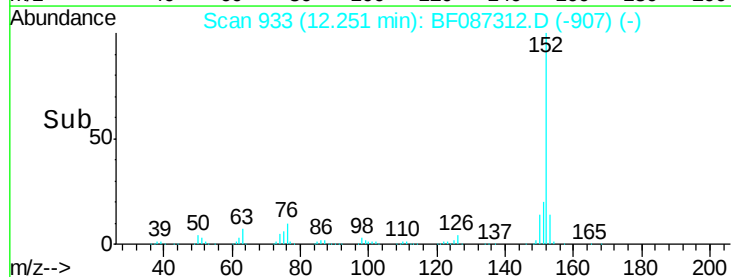
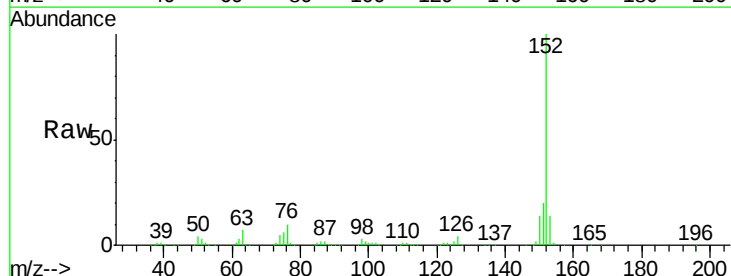
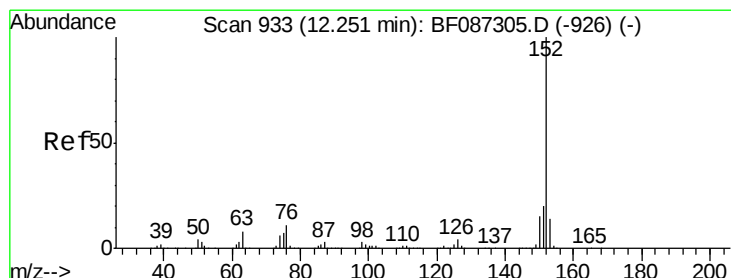
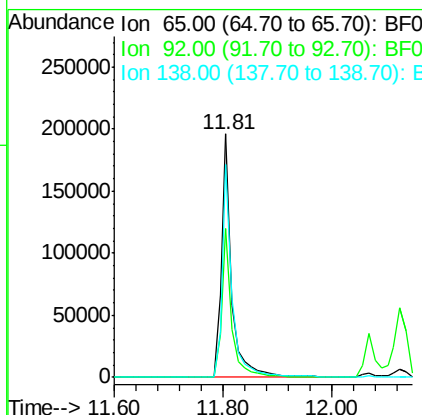
#47
2-Nitroaniline
Concen: 41.19 ng
RT: 11.81 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion: 65 Resp: 264521
Ion Ratio Lower Upper
65 100
92 61.0 57.4 86.2
138 87.4 90.1 135.1#

Instrument :
BNA_F
ClientSampled :
PB90743BS

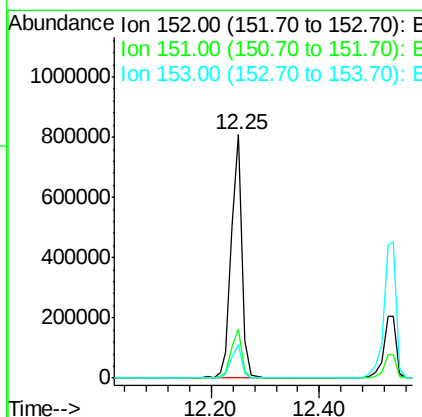
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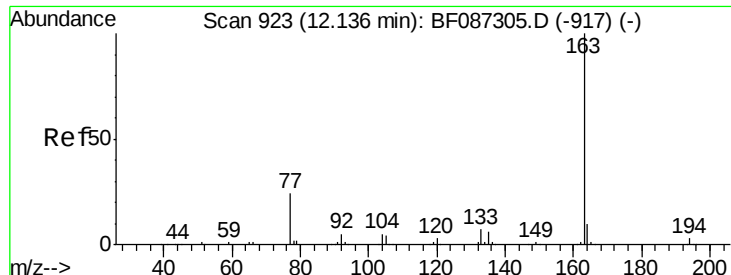
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#48
Acenaphthylene
Concen: 38.21 ng
RT: 12.25 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion: 152 Resp: 1078236
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.8 10.9 16.3





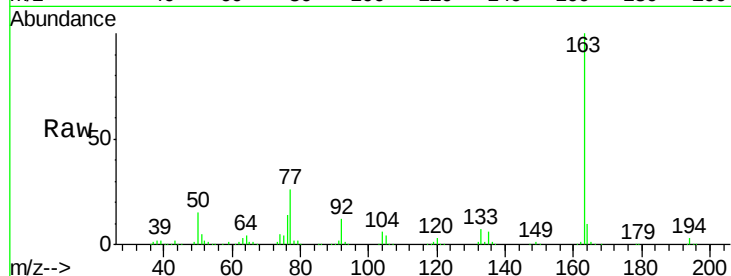
#49
Dimethylphthalate
Concen: 38.20 ng
RT: 12.13 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

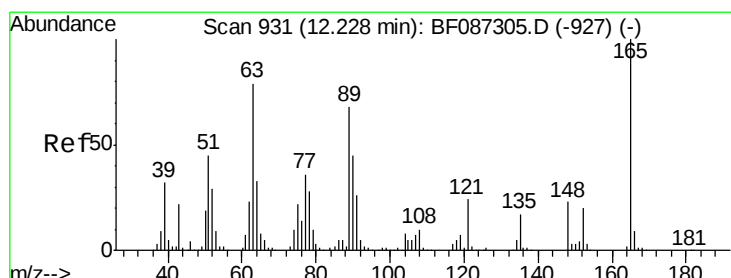
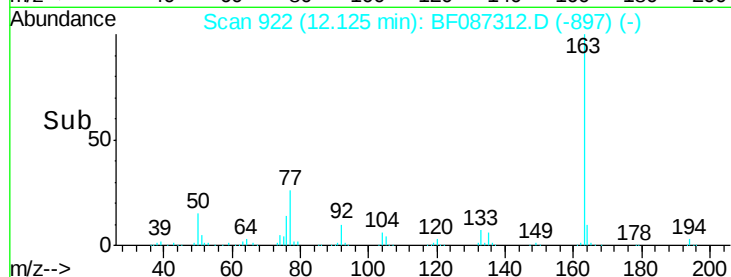
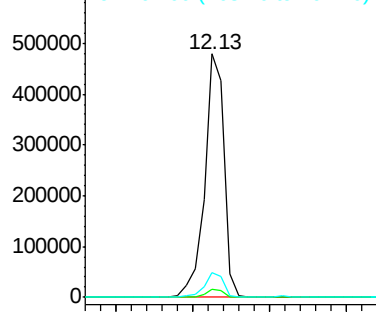
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	846723		
194	3.1	2.6	4.0	
164	10.4	8.2	12.4	

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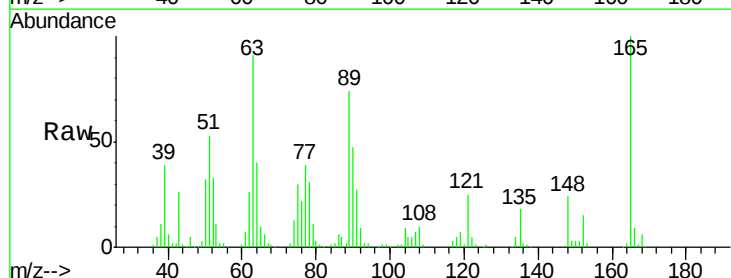


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

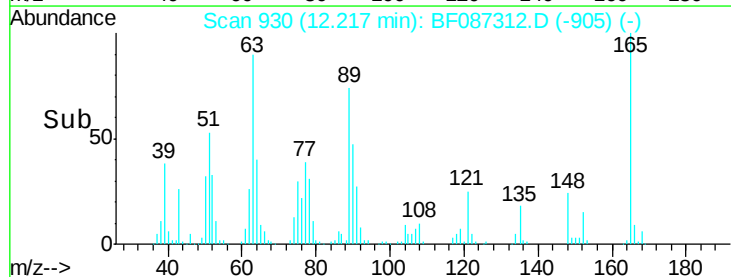
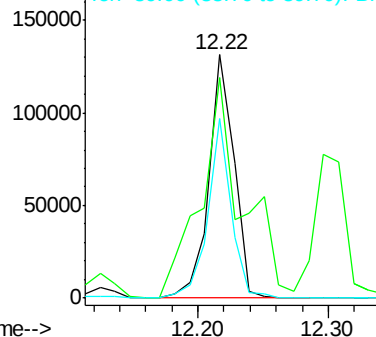


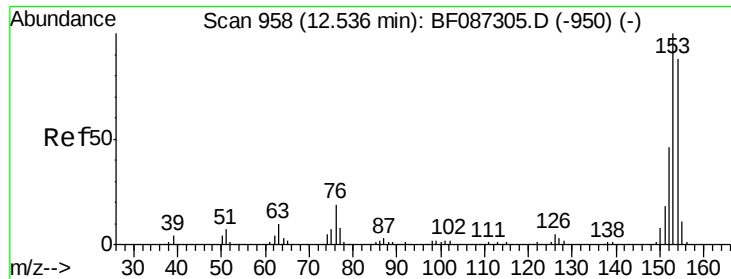
#50
2,6-Dinitrotoluene
Concen: 39.29 ng
RT: 12.22 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175467		
63	90.6	51.8	77.8#	
89	73.6	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





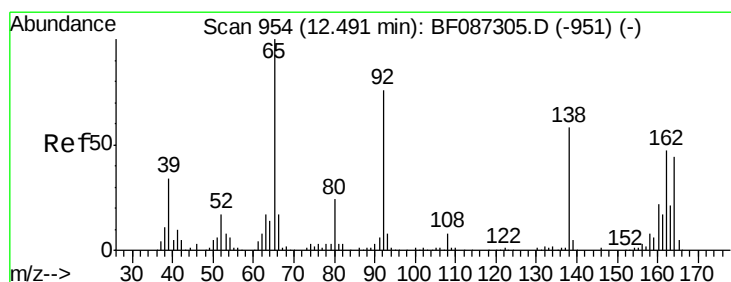
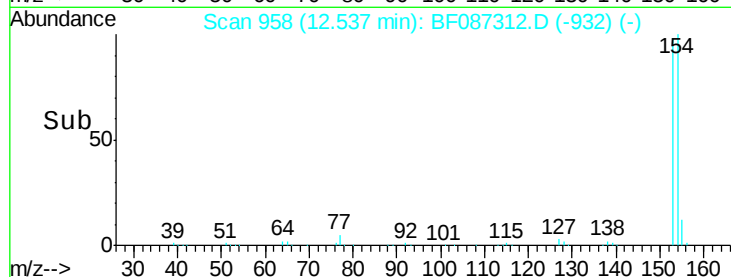
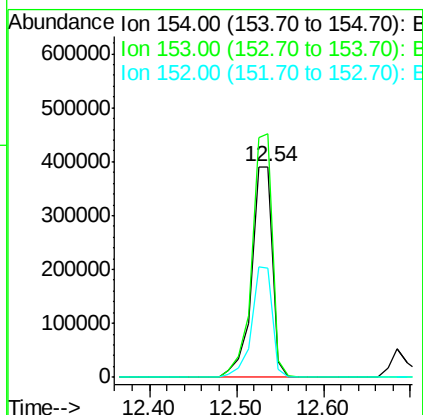
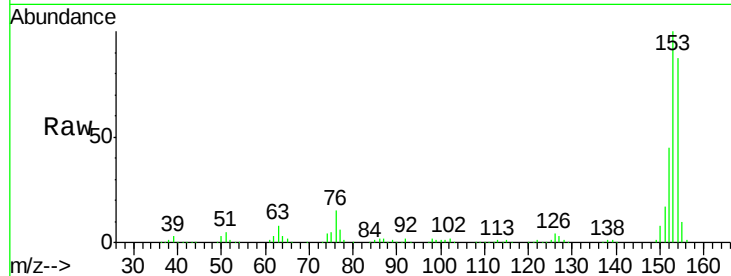
#51
Acenaphthene
Concen: 37.94 ng
RT: 12.54 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	657963		
153	115.5	89.8	134.6	
152	52.0	43.4	65.0	

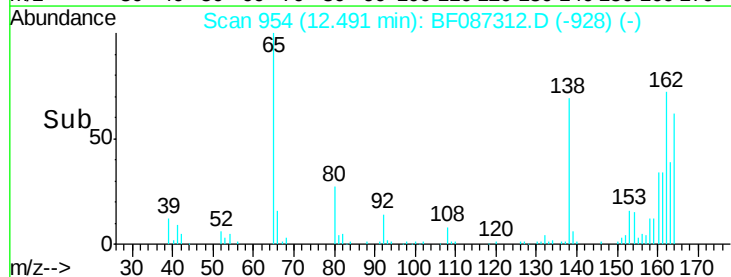
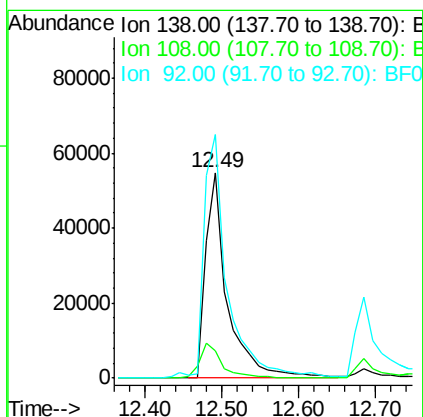
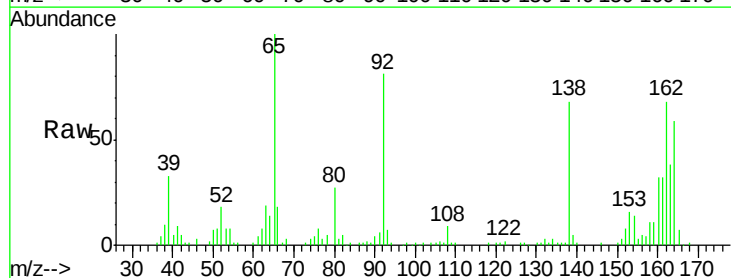
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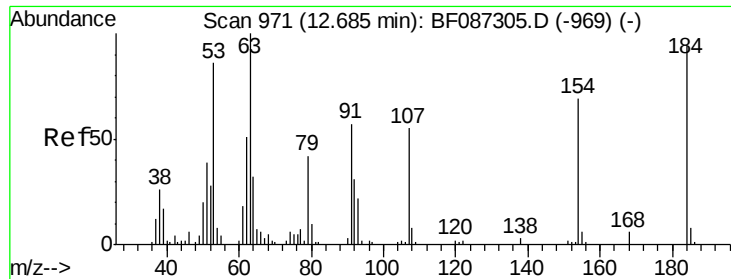
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#52
3-Nitroaniline
Concen: 23.40 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

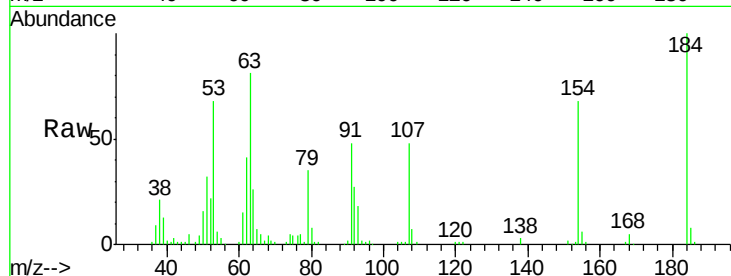
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	107269		
108	13.3	7.8	11.6#	
92	118.5	87.8	131.8	





#53
2,4-Dinitrophenol
Concen: 70.65 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

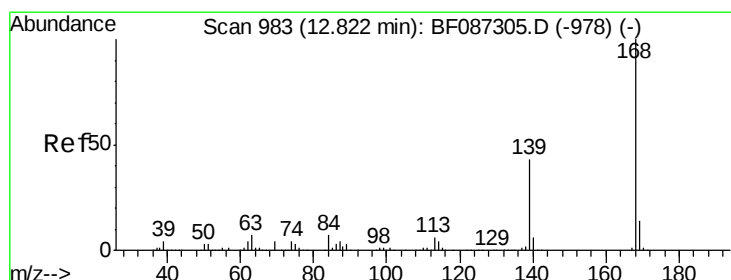
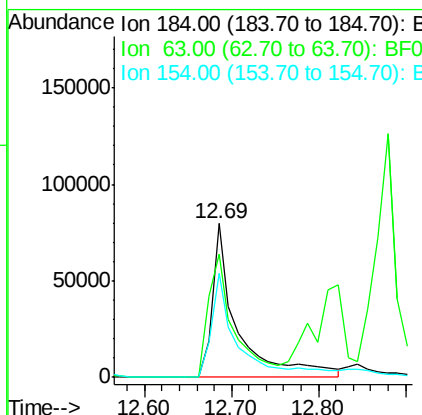
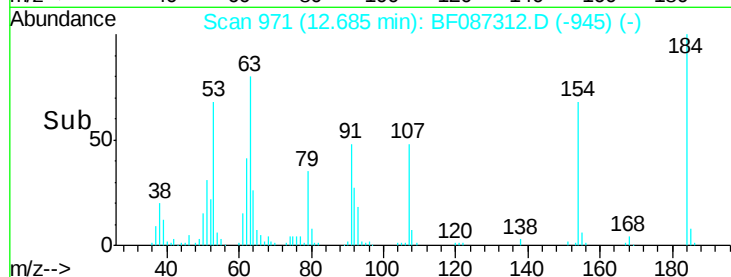
Instrument :
BNA_F
ClientSampleId :
PB90743BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	159592		
63	80.7	55.8	83.8	
154	67.8	62.4	93.6	

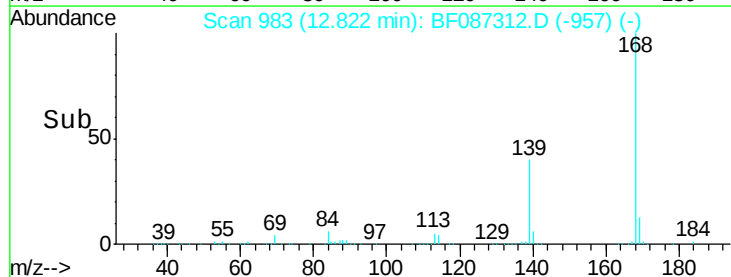
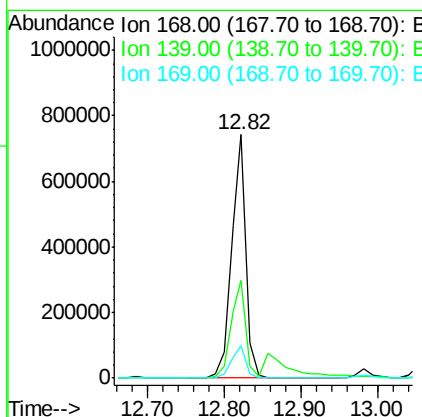
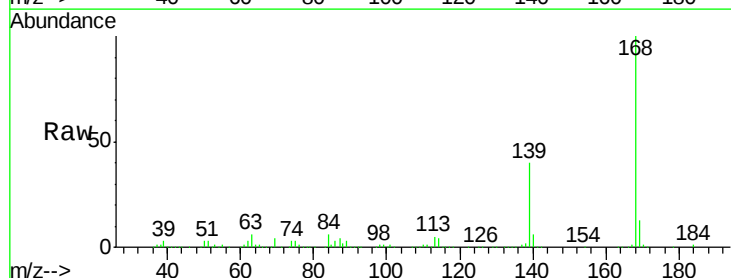
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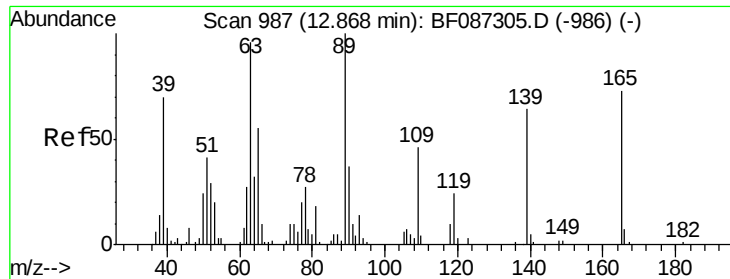
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#54
Dibenzofuran
Concen: 41.68 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	978797		
139	40.4	31.4	47.0	
169	13.3	10.7	16.1	





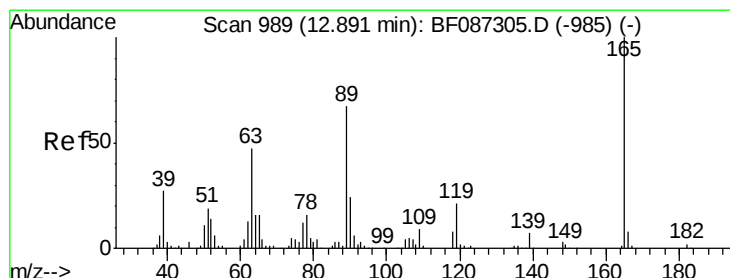
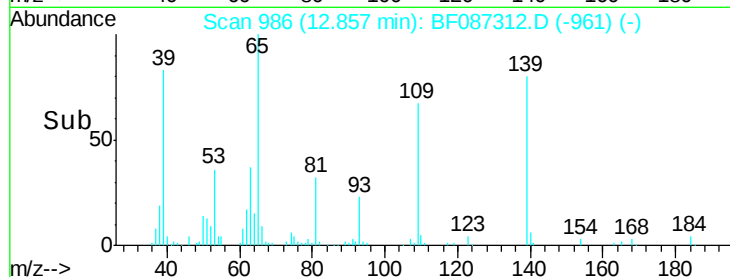
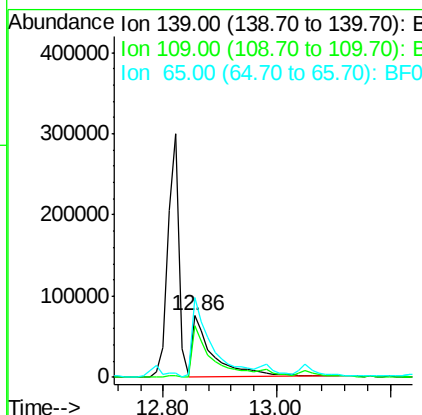
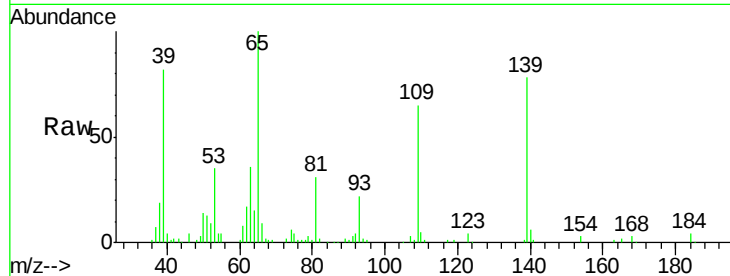
#55
4-Nitrophenol
Concen: 87.44 ng
RT: 12.86 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	191201		
109	83.2	36.9	76.9#	
65	128.8	64.0	104.0#	

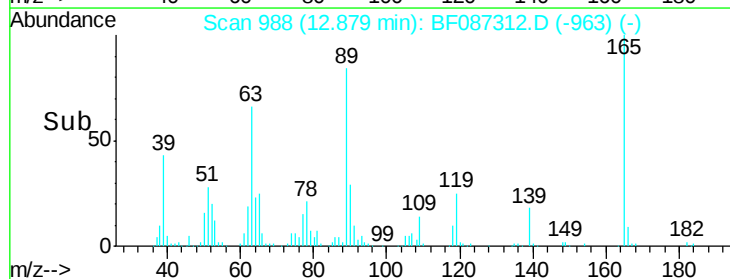
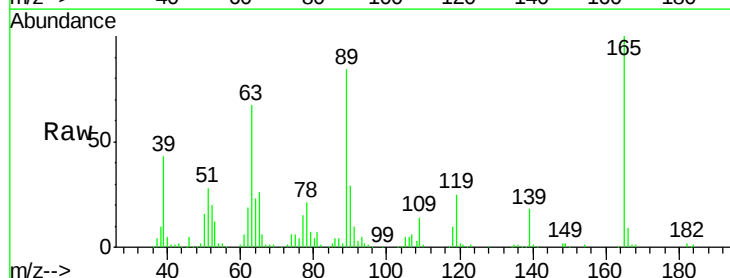
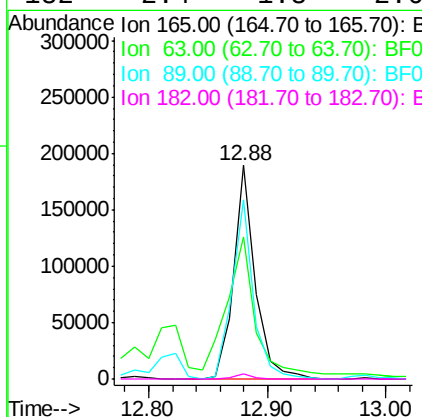
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#56
2,4-Dinitrotoluene
Concen: 40.00 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	238799		
63	66.6	44.3	66.5#	
89	83.9	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 38.09 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

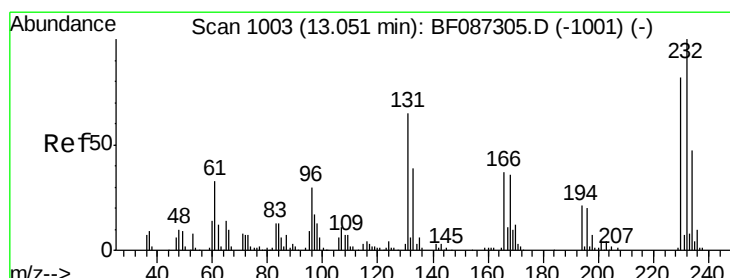
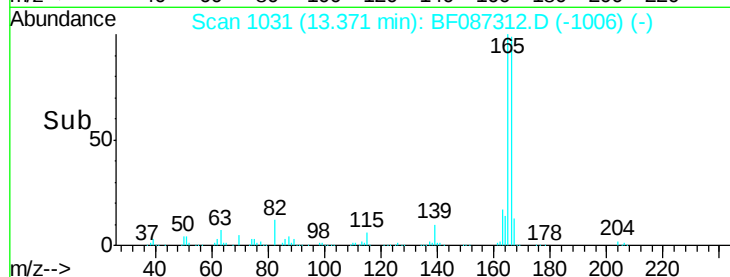
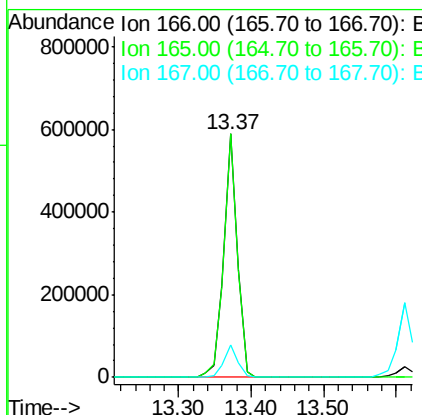
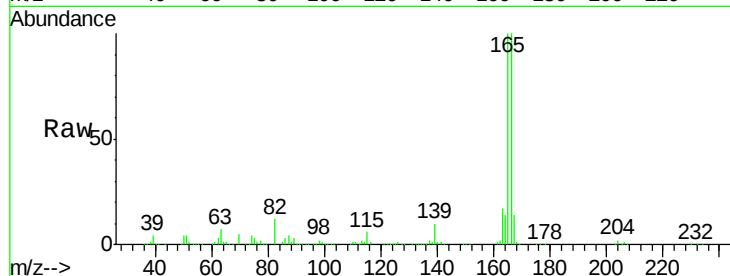
ClientSampleId :

PB90743BS

Tgt Ion:	166	Resp:	775685
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.0	118.6
167	13.6	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.92 ng

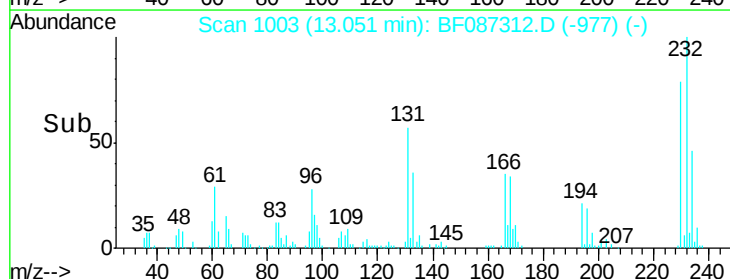
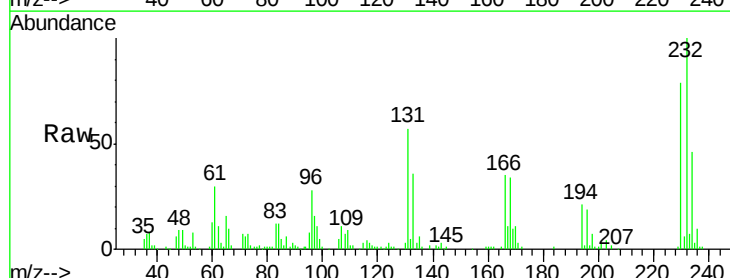
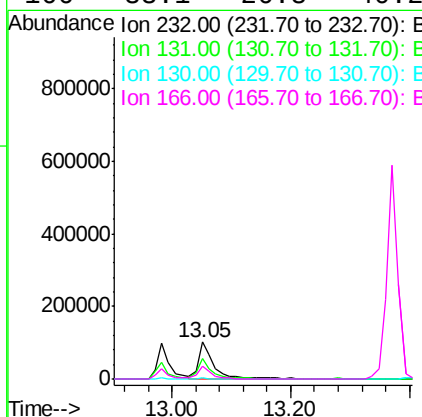
RT: 13.05 min Scan# 1003

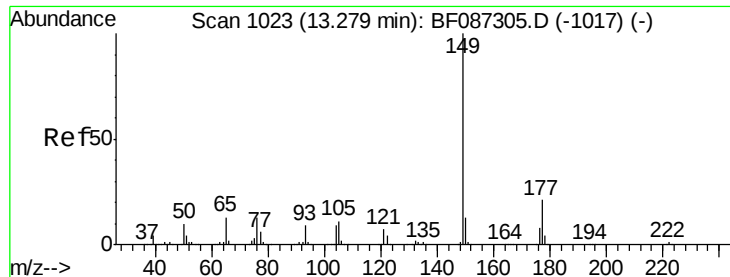
Delta R.T. 0.00 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Tgt Ion:	232	Resp:	179928
Ion Ratio	Lower	Upper	
232	100		
131	52.6	41.9	62.9
130	2.6	2.2	3.4
166	33.1	26.8	40.2





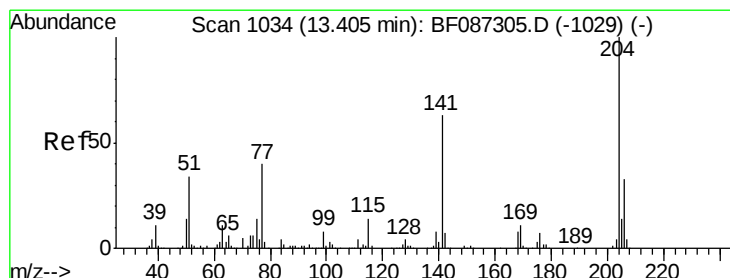
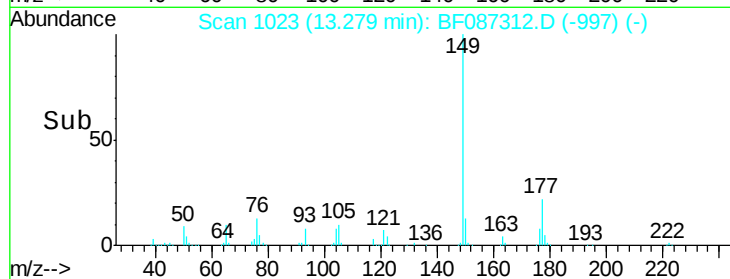
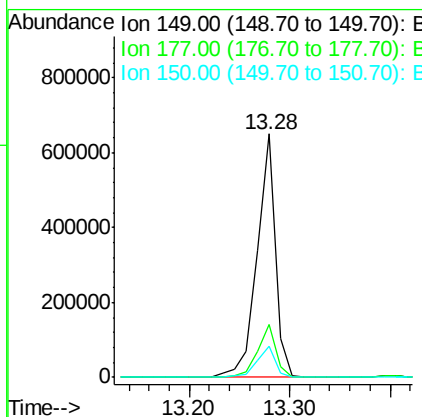
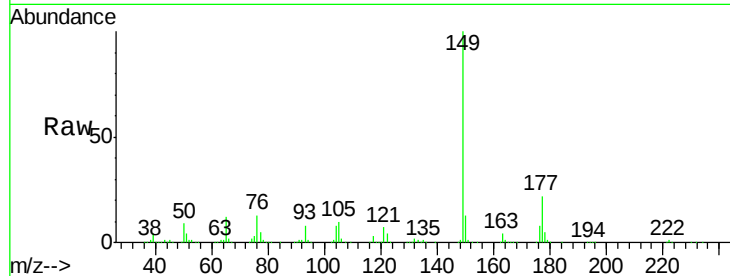
#59
Diethylphthalate
Concen: 38.33 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	826087		
177	21.8	16.6	24.8	
150	12.5	10.0	15.0	

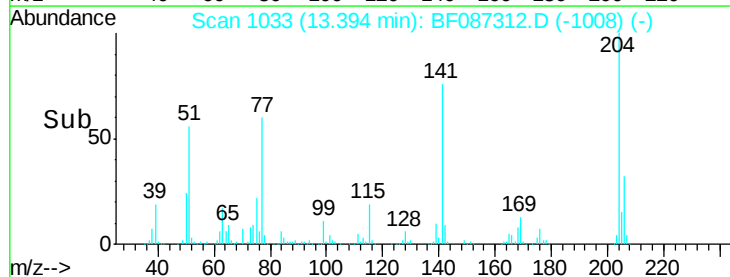
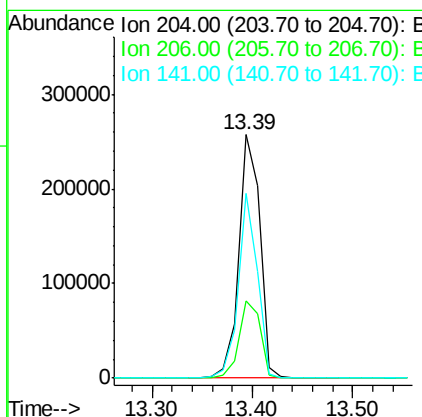
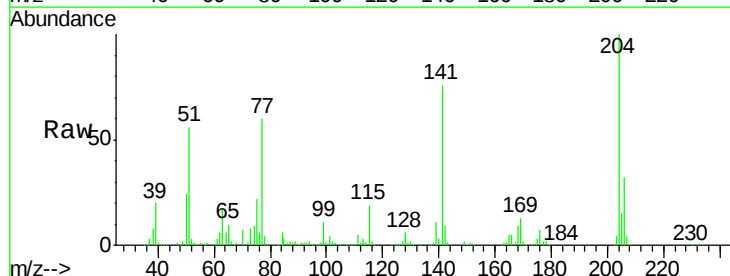
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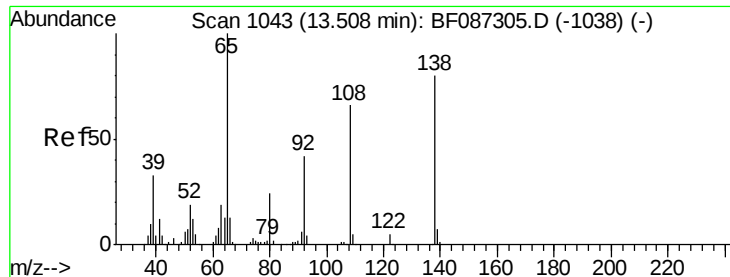
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#60
4-Chlorophenyl-phenylether
Concen: 37.59 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

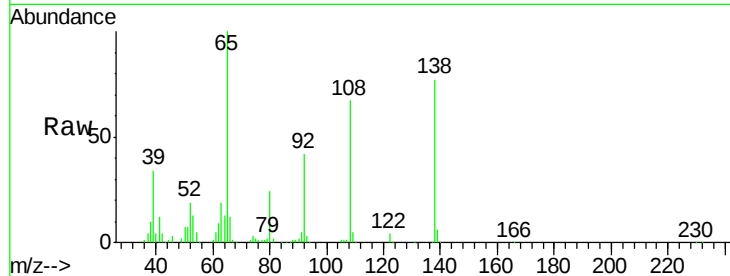
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	373268		
206	31.8	25.4	38.0	
141	75.8	61.6	92.4	





#61
4-Nitroaniline
Concen: 37.07 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

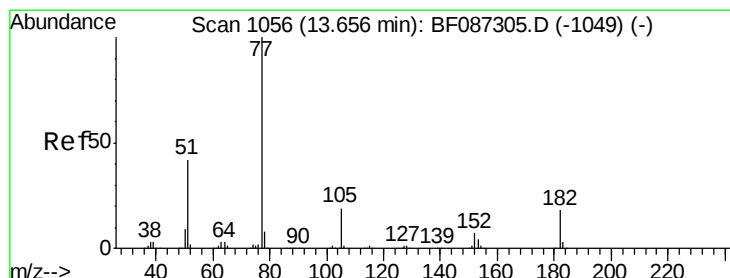
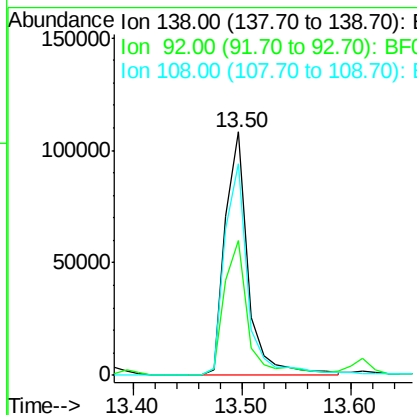
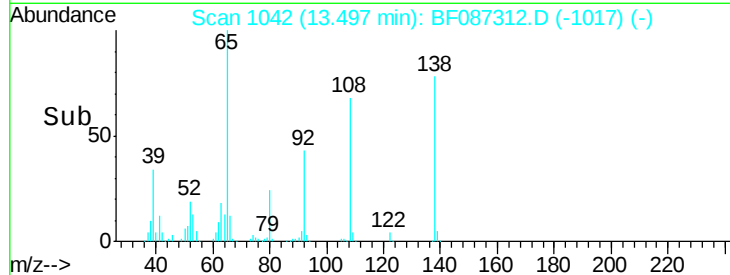
Instrument :
BNA_F
ClientSampled :
PB90743BS



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	158598		
92	55.3	24.7	64.7	
108	86.9	37.4	77.4#	

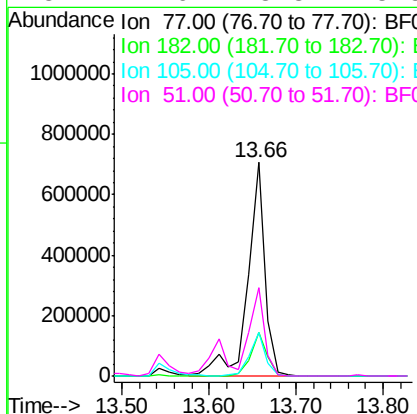
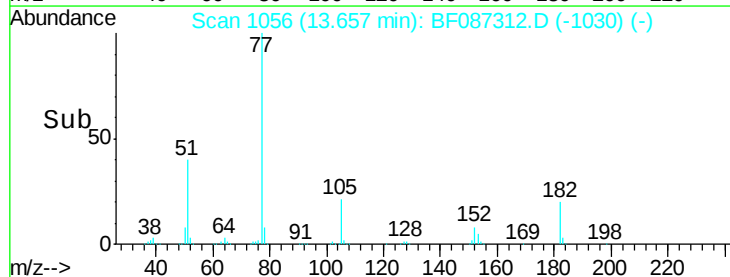
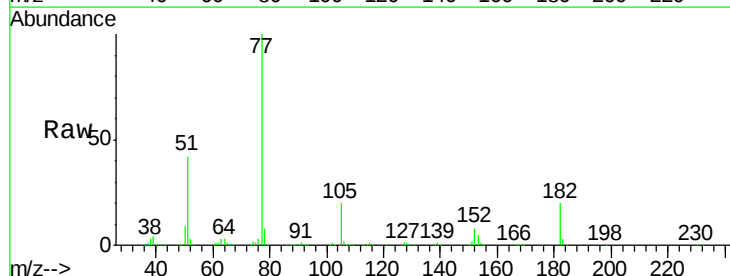
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#62
Azobenzene
Concen: 43.59 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	974660		
182	20.2	0.0	38.8	
105	20.5	3.2	43.2	
51	41.6	8.8	48.8	





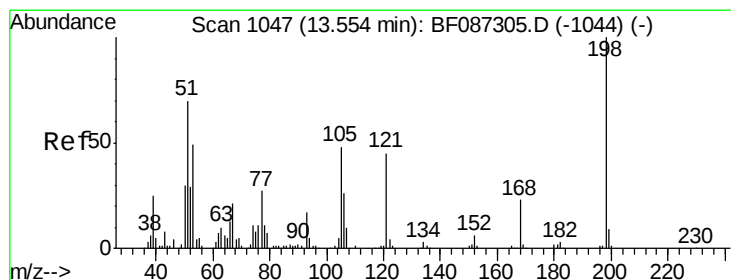
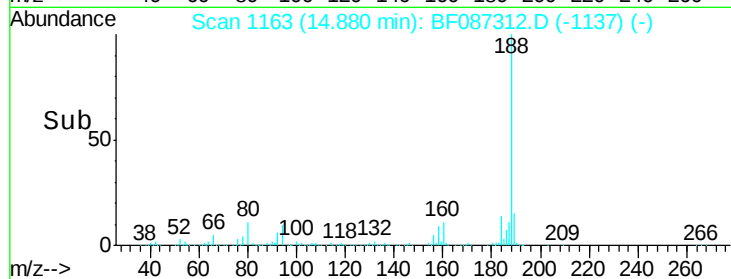
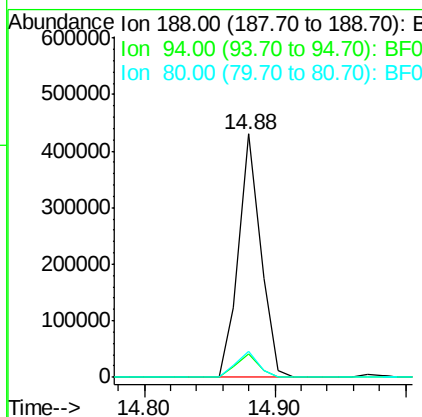
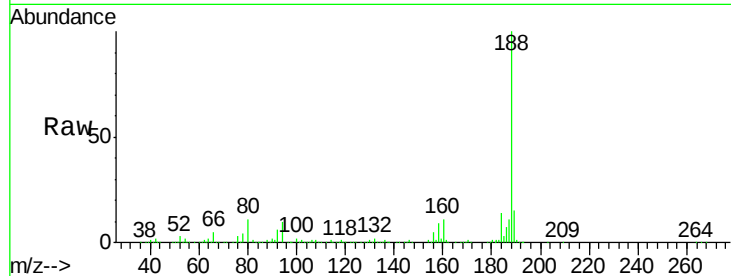
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	6.8	10.2
80	10.9	7.1	10.7

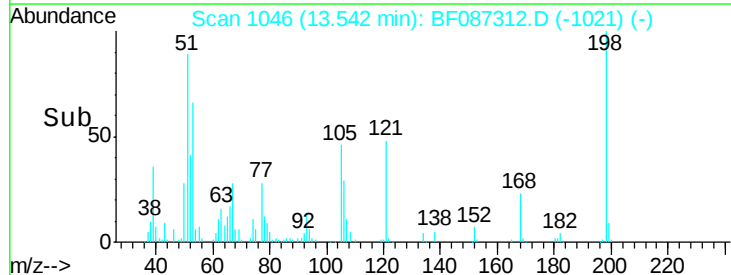
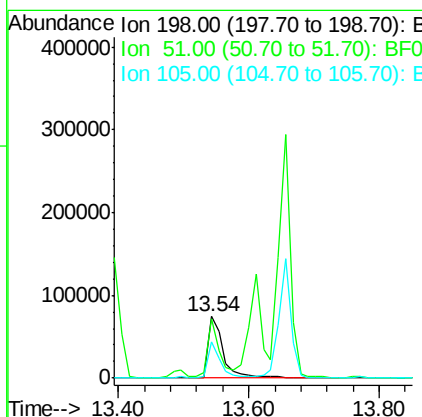
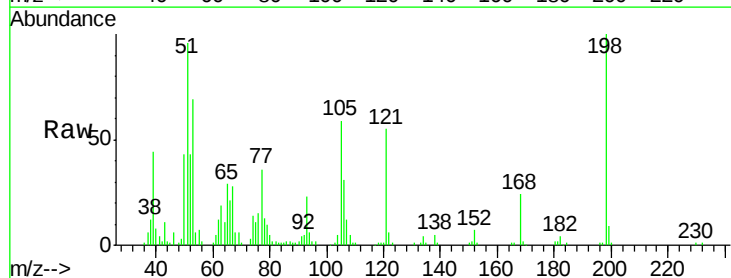
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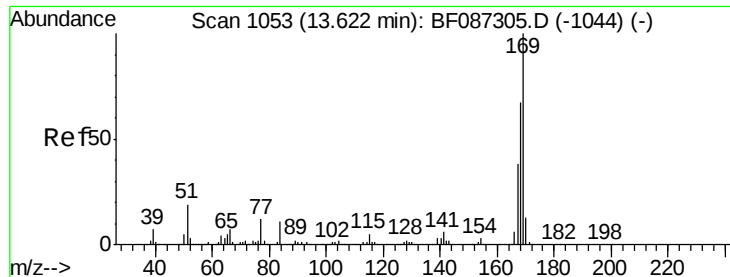
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.72 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	95.7	20.5	60.5
105	58.6	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 39.79 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

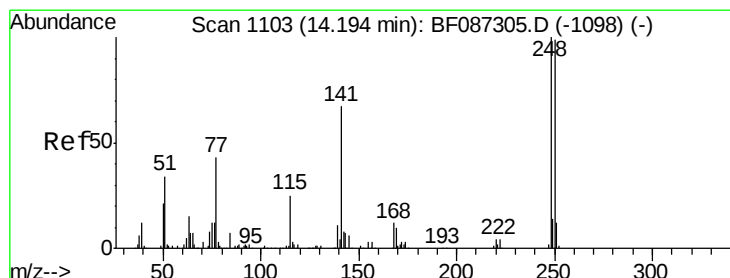
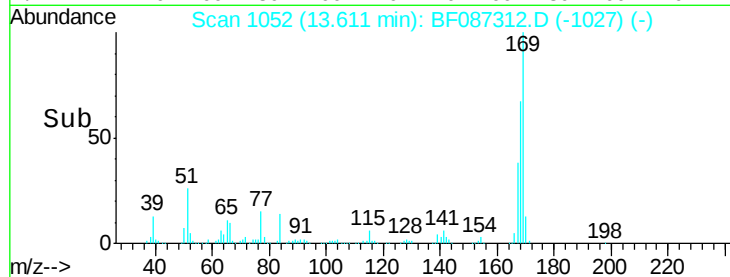
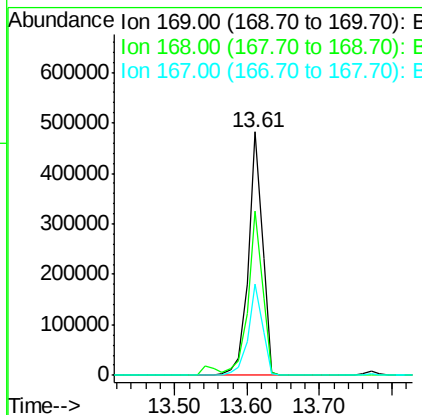
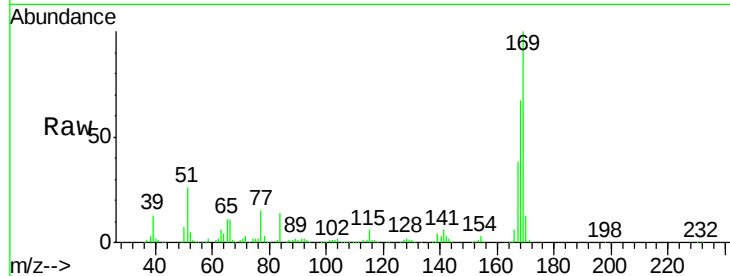
ClientSampleId :

PB90743BS

Tgt Ion:	169	Resp:	659918
Ion Ratio		Lower	Upper
169	100		
168	67.5	53.8	80.6
167	37.6	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 38.93 ng

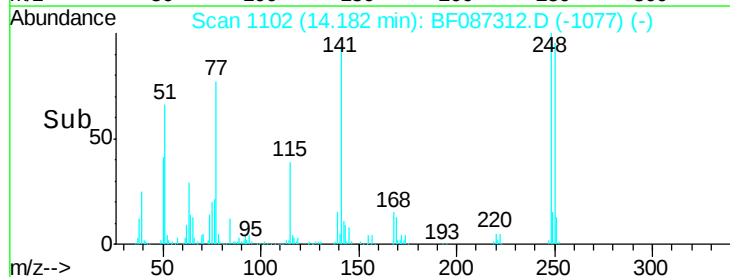
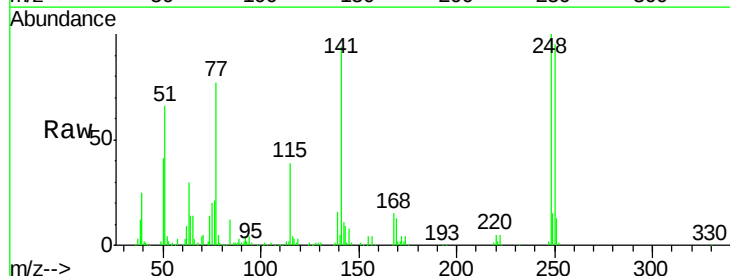
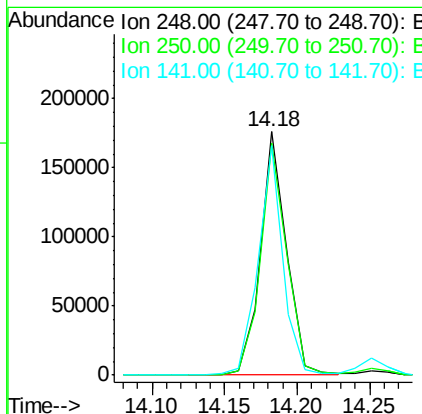
RT: 14.18 min Scan# 1102

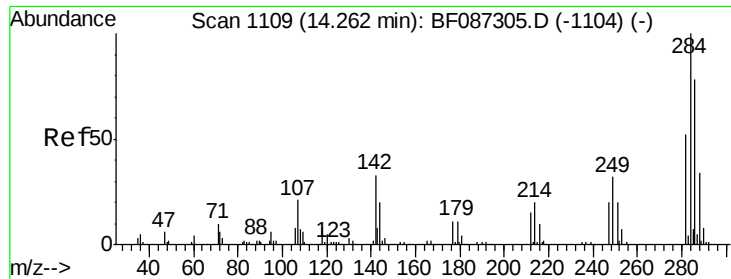
Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Tgt Ion:	248	Resp:	218396
Ion Ratio		Lower	Upper
248	100		
250	95.4	78.6	117.8
141	94.0	76.0	114.0





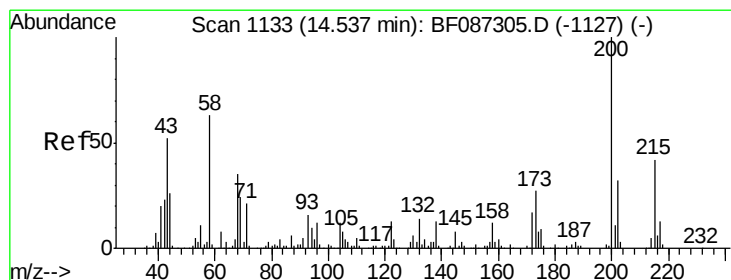
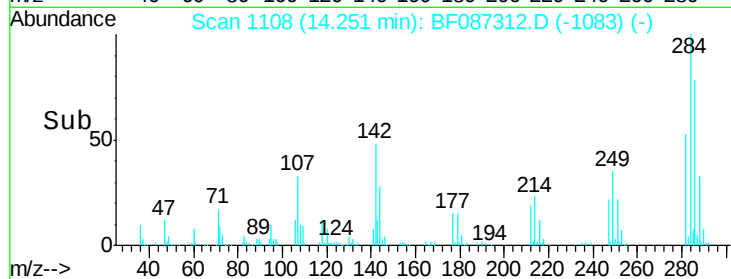
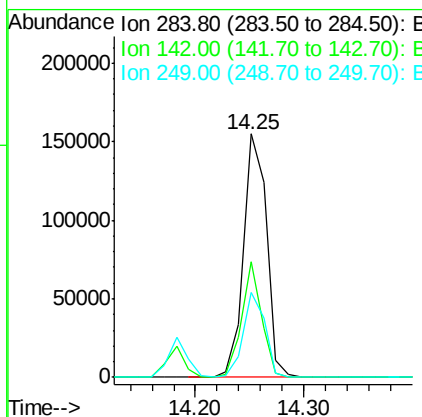
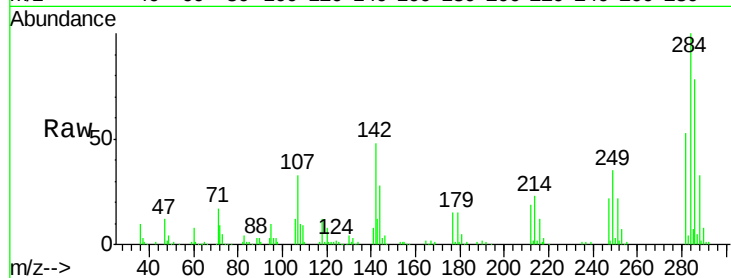
#67
Hexachlorobenzene
Concen: 38.50 ng
RT: 14.25 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	47.6	16.7	25.1#
249	35.1	21.3	31.9#

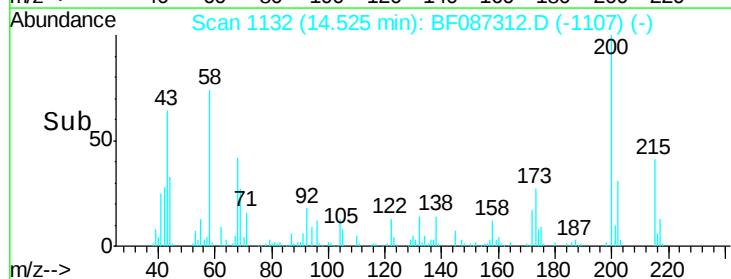
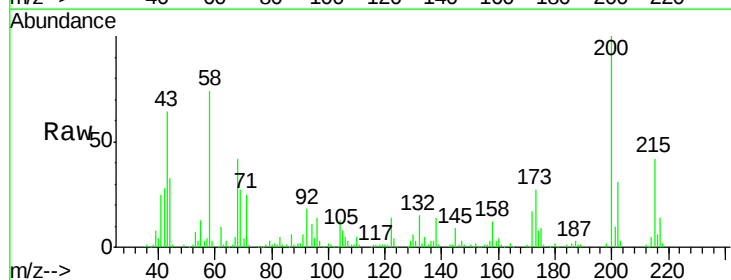
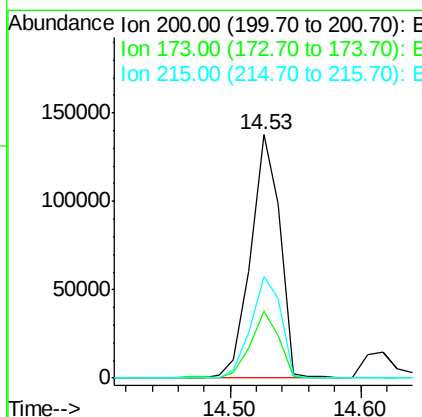
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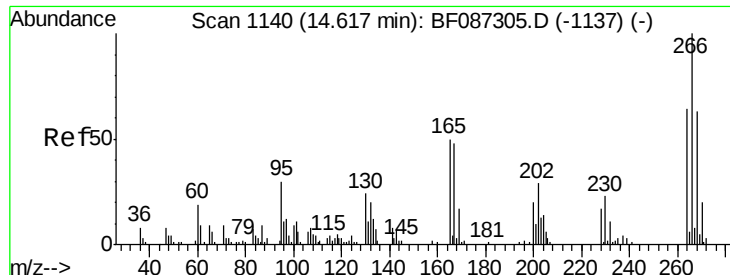
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#68
Atrazine
Concen: 40.56 ng
RT: 14.53 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.5	8.5	48.5
215	41.9	27.2	67.2





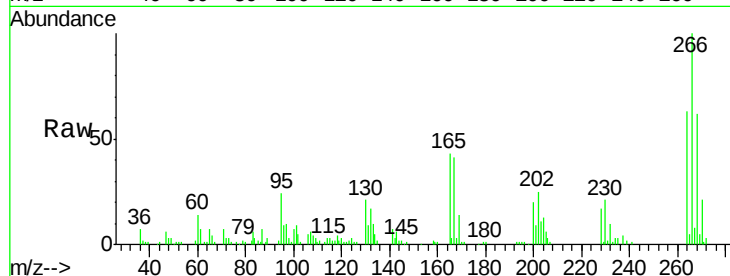
#69
 Pentachlorophenol
 Concen: 83.89 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

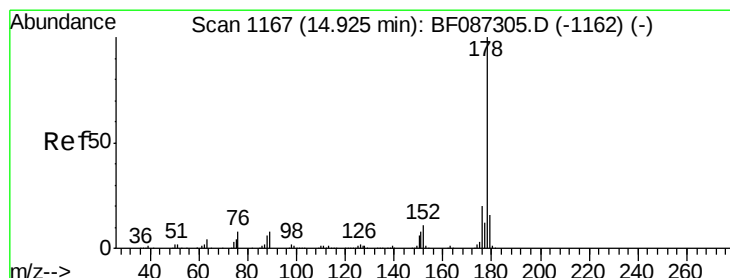
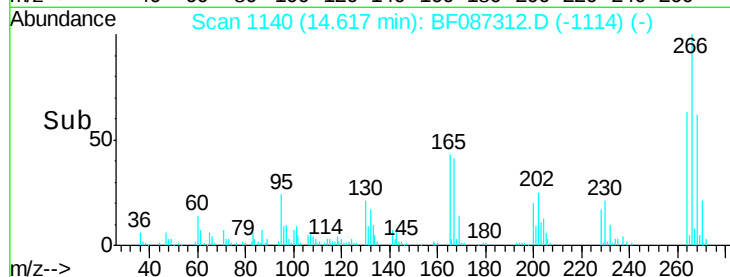
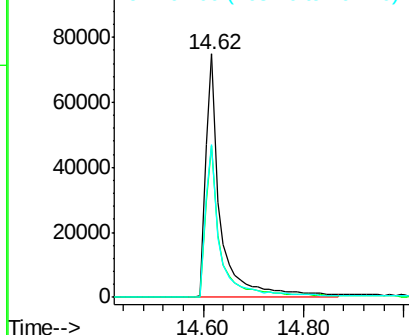
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	153575		
268	62.4	51.5	77.3	
264	62.8	52.9	79.3	

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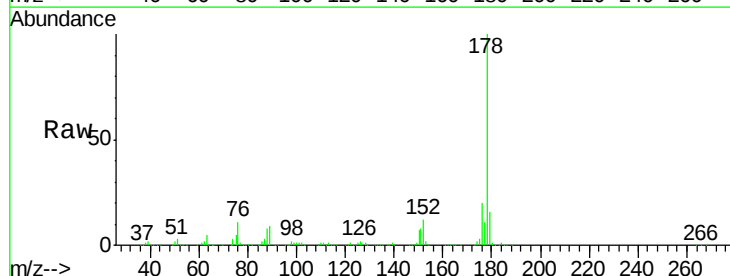


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

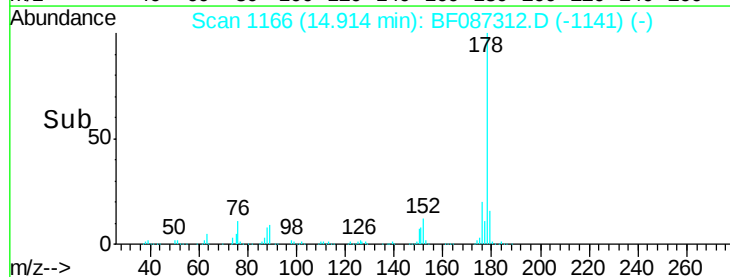
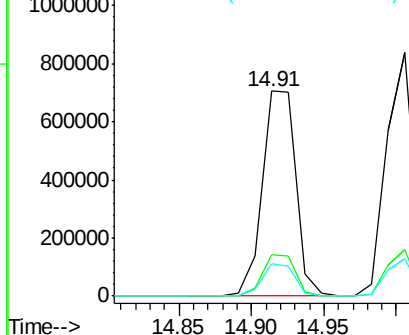


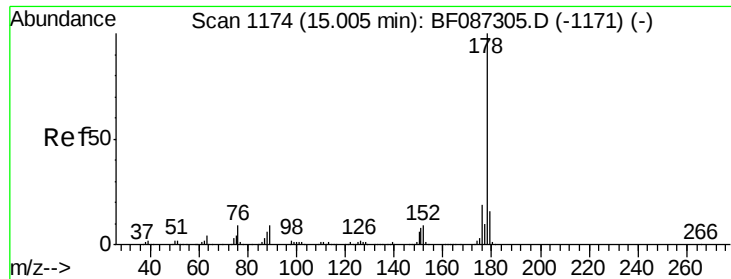
#70
 Phenanthrene
 Concen: 39.86 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1132377		
176	19.9	16.0	24.0	
179	15.8	12.6	18.8	



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





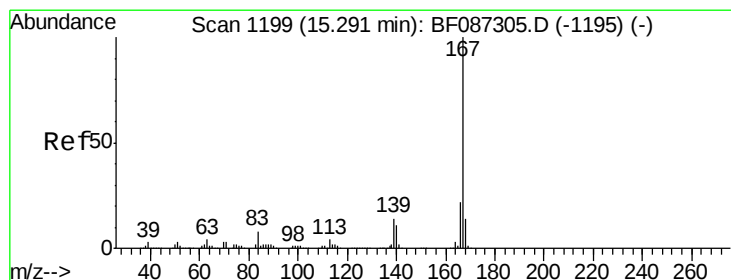
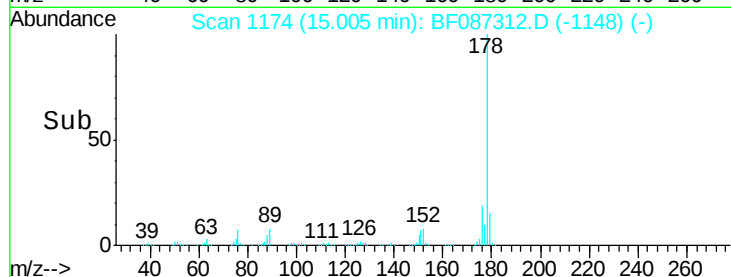
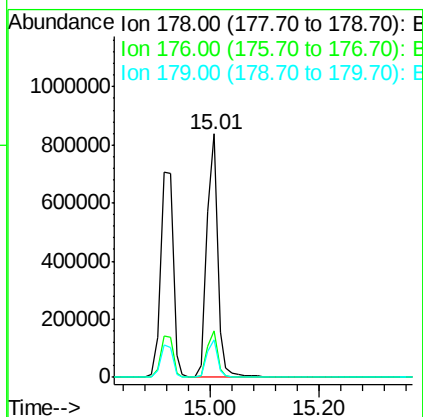
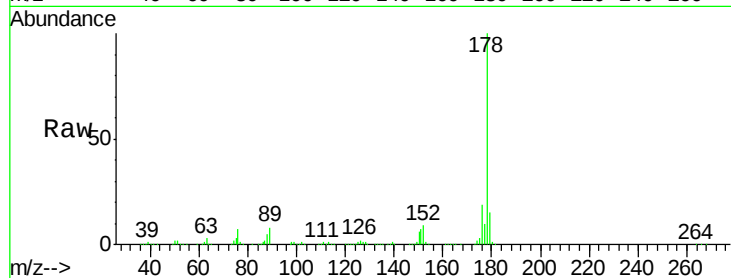
#71
 Anthracene
 Concen: 40.31 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt Ion:178 Resp: 1156719
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.3 12.7 19.1

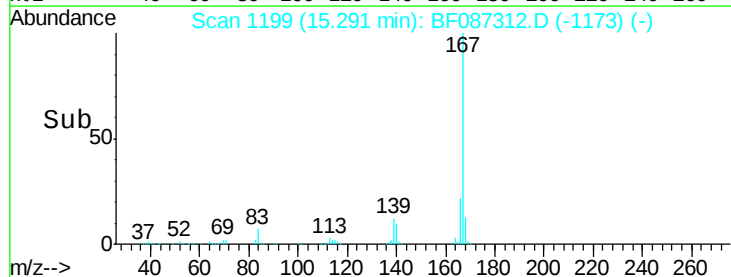
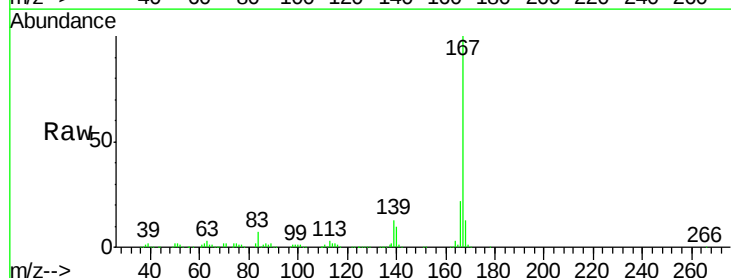
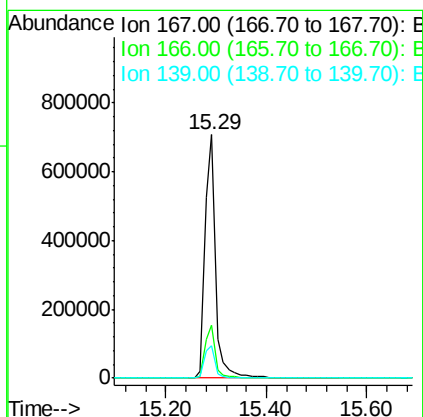
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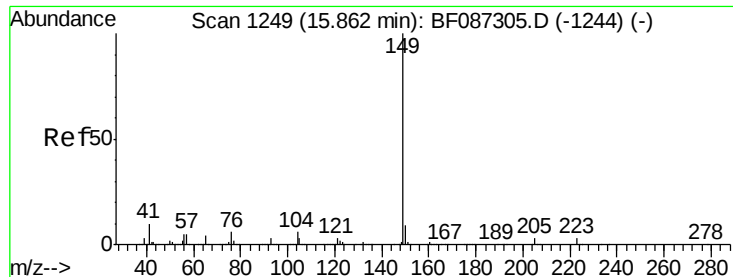
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#72
 Carbazole
 Concen: 42.11 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion:167 Resp: 1030700
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.67 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

ClientSampleId :

PB90743BS

Tgt Ion:149 Resp: 1287266

Ion Ratio Lower Upper

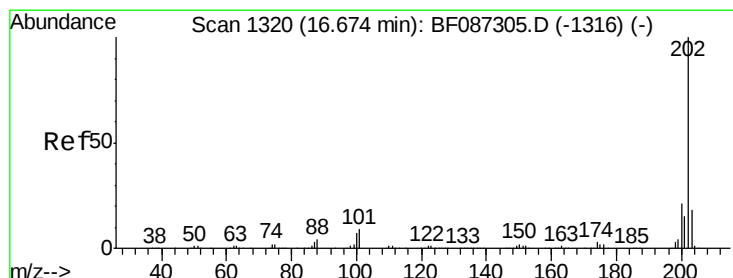
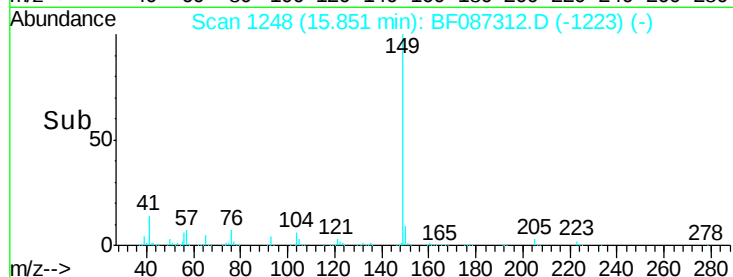
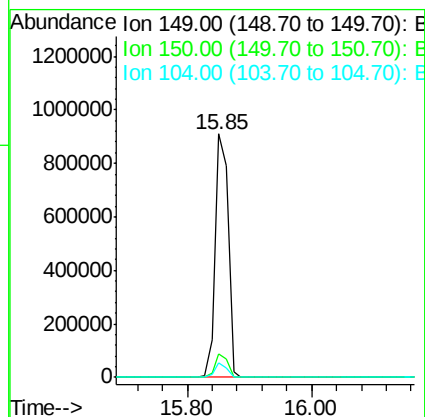
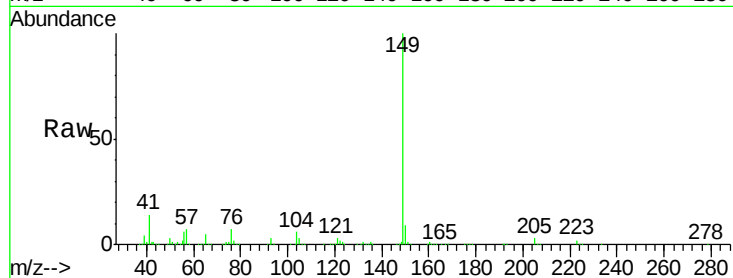
149 100

150 9.5 7.6 11.4

104 6.1 3.8 5.6#

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#74

Fluoranthene

Concen: 38.48 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

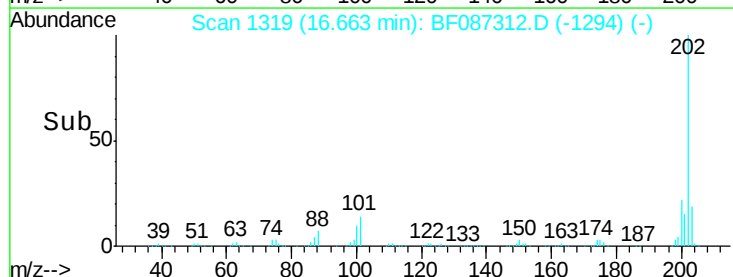
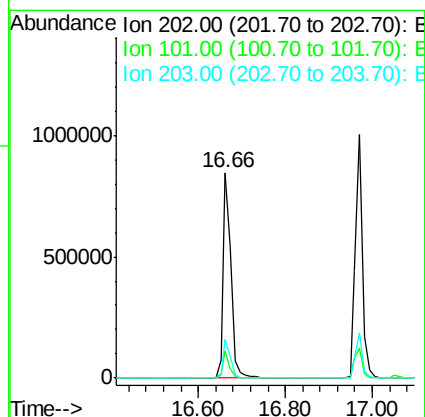
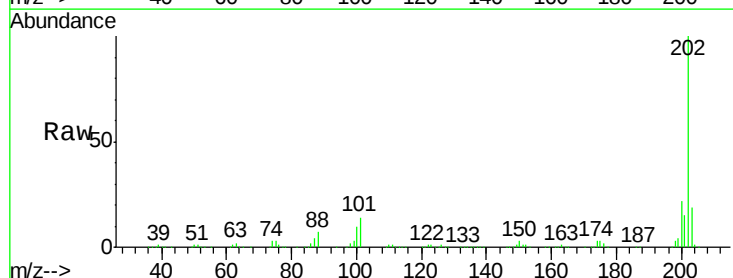
Tgt Ion:202 Resp: 1096213

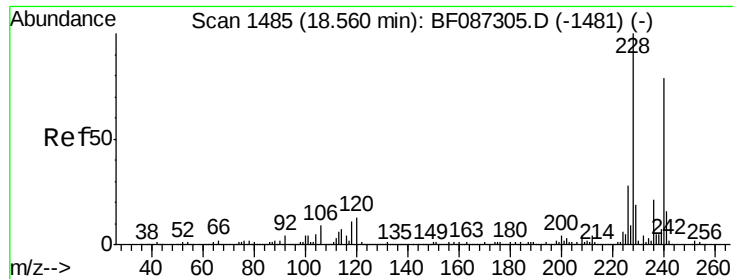
Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

203 18.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

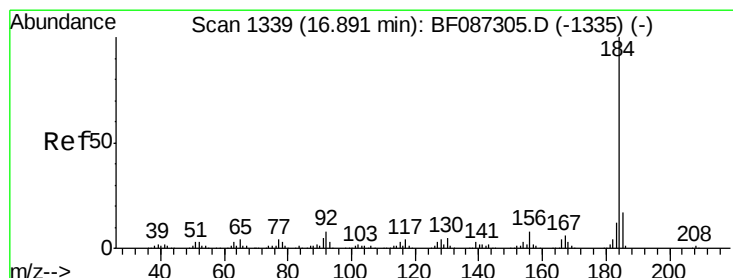
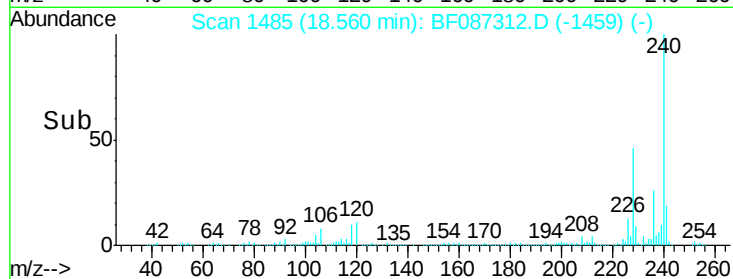
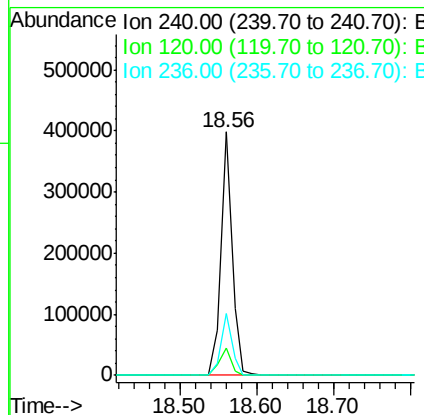
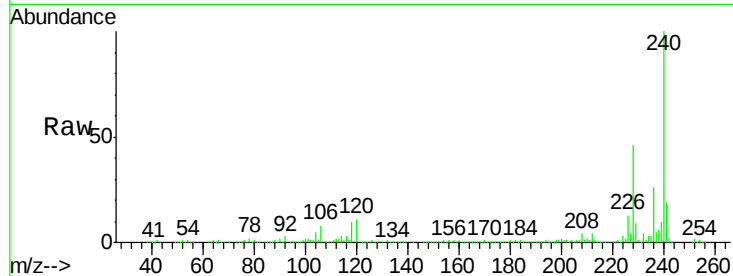
ClientSampleId :

PB90743BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	411204		
120	11.0	11.2	16.8#	
236	25.5	21.2	31.8	

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#76

Benzidine

Concen: 34.04 ng

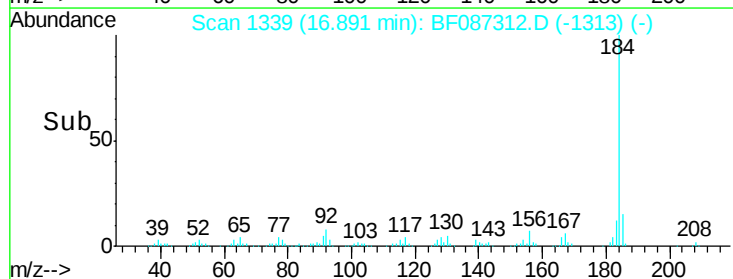
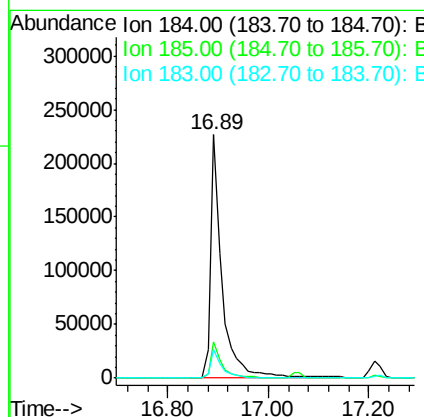
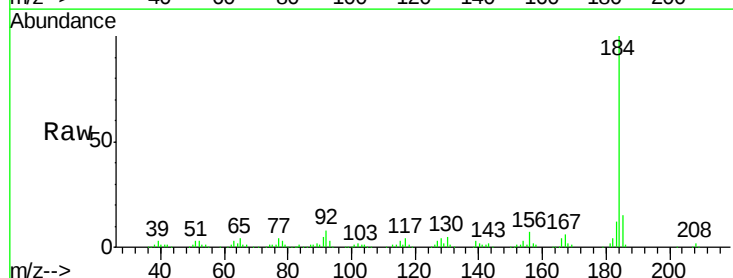
RT: 16.89 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	360145		
185	15.1	13.6	20.4	
183	12.0	9.8	14.6	





#77

Pyrene

Concen: 38.90 ng

RT: 16.97 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

Instrument :

BNA_F

ClientSampleId :

PB90743BS

Tgt Ion:202 Resp: 1151548

Ion Ratio Lower Upper

202 100

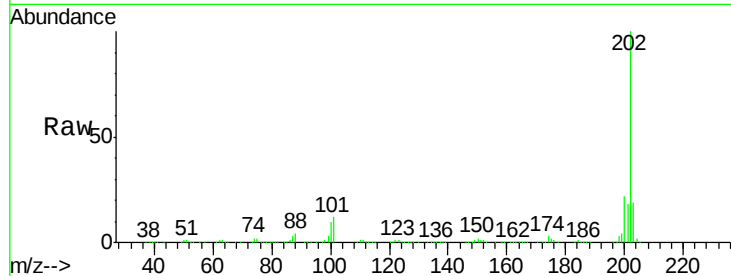
200 22.1 17.7 26.5

203 18.6 14.2 21.4

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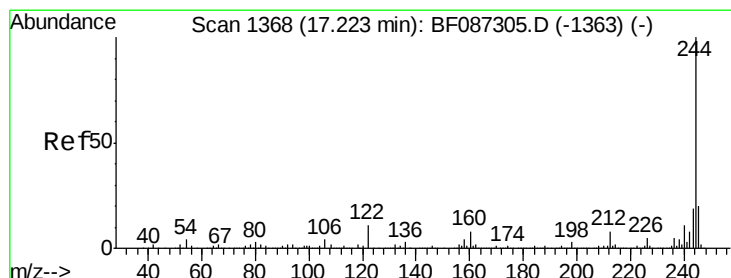
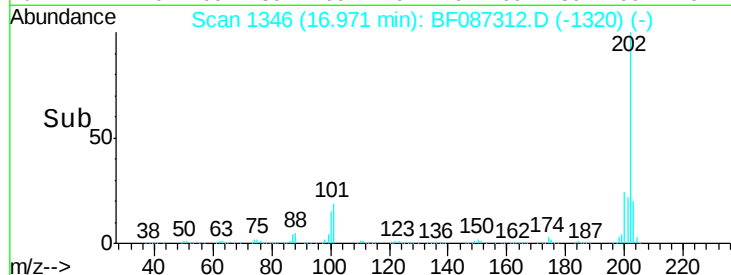
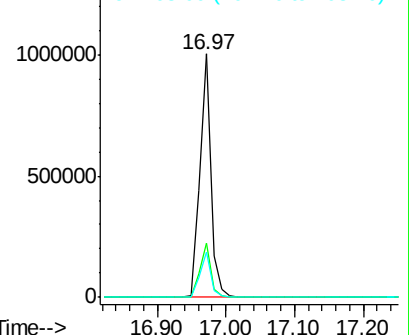
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.42 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087312.D

Acq: 23 May 2016 21:42

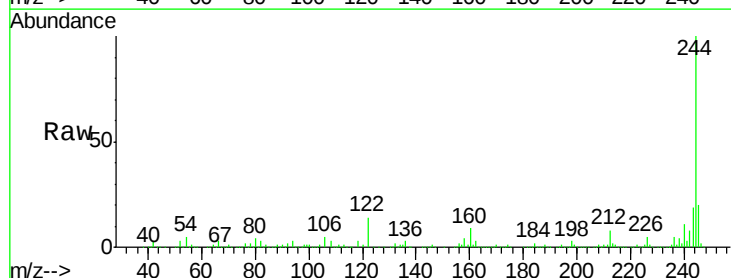
Tgt Ion:244 Resp: 1400666

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

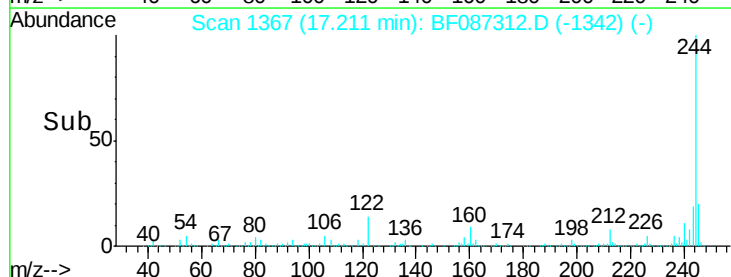
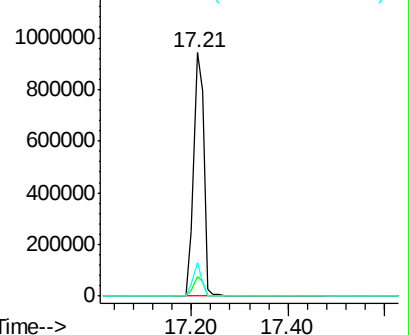
122 13.8 12.0 18.0

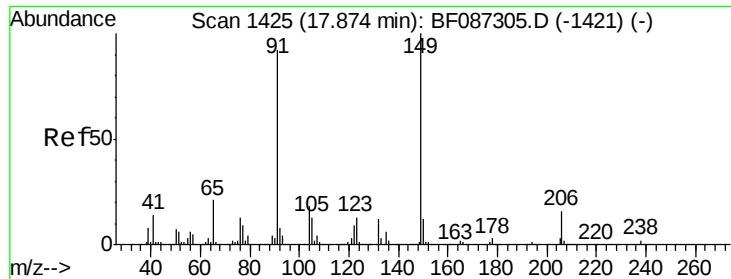


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





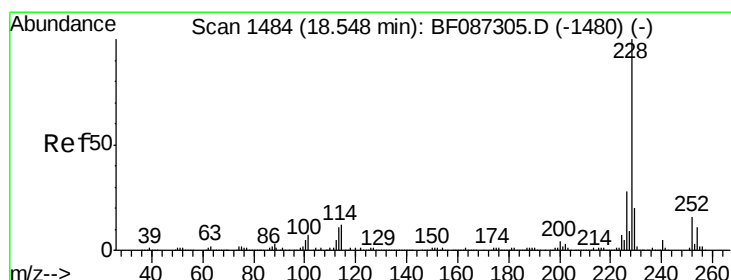
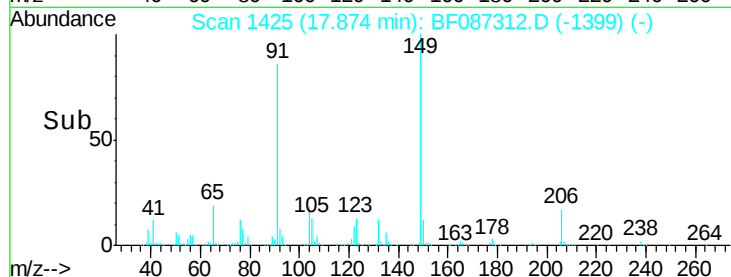
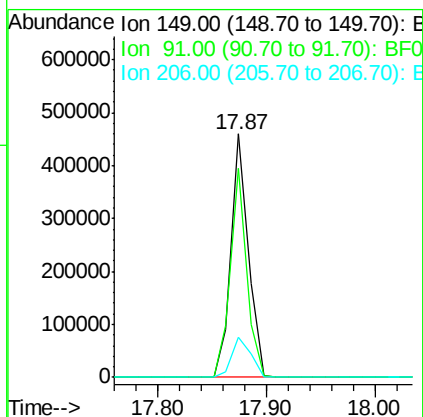
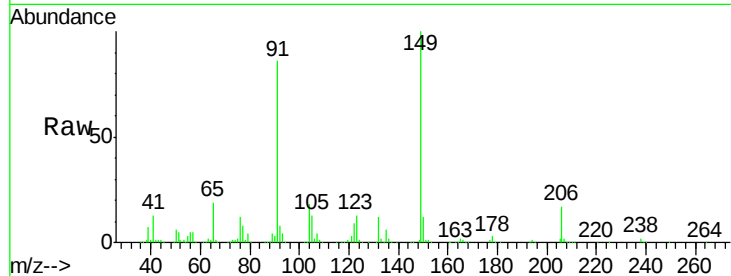
#79
Butylbenzylphthalate
Concen: 38.51 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	85.8	48.0	72.0#
206	16.7	15.8	23.6

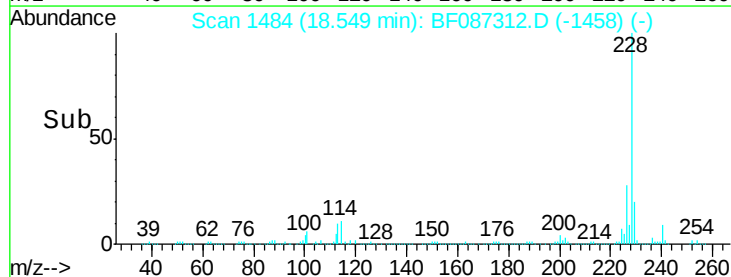
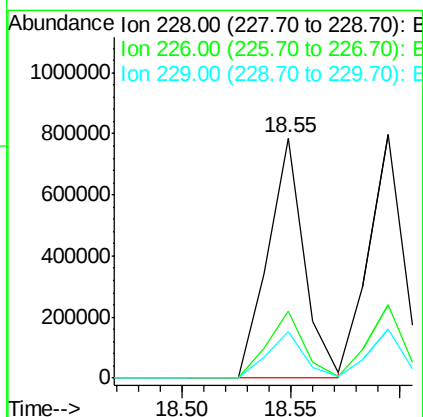
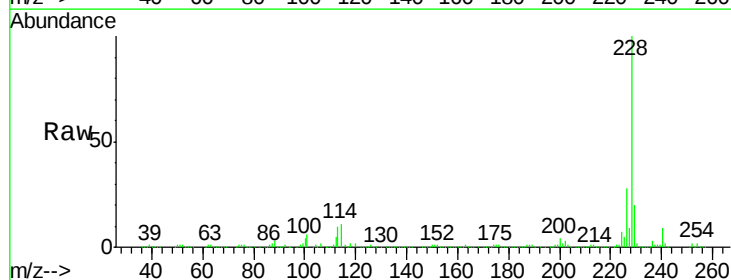
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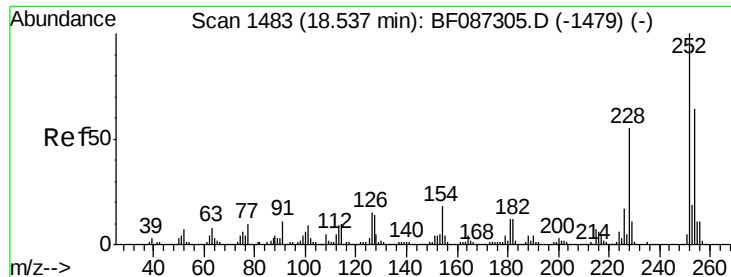
umangi
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#80
Benzo(a)anthracene
Concen: 39.10 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.5	33.7
229	19.6	16.6	25.0





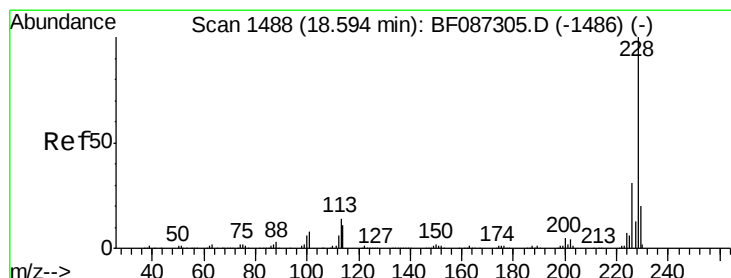
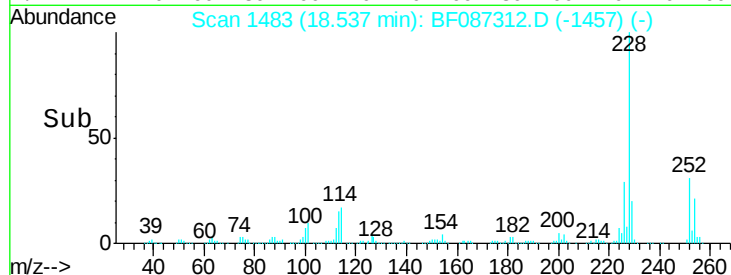
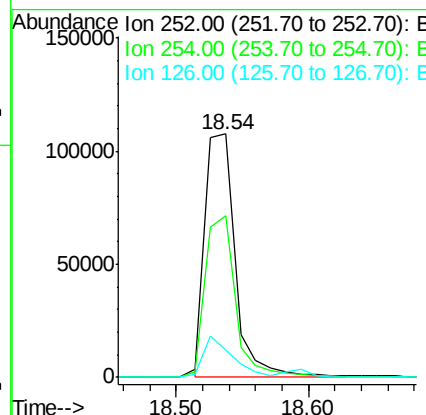
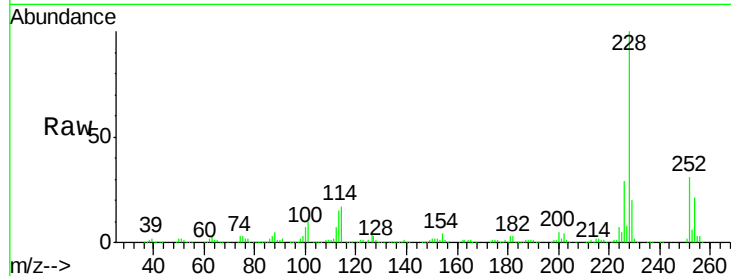
#81
 3,3'-Dichlorobenzidine
 Concen: 13.37 ng m
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.7	76.1
126	11.2	12.7	19.1

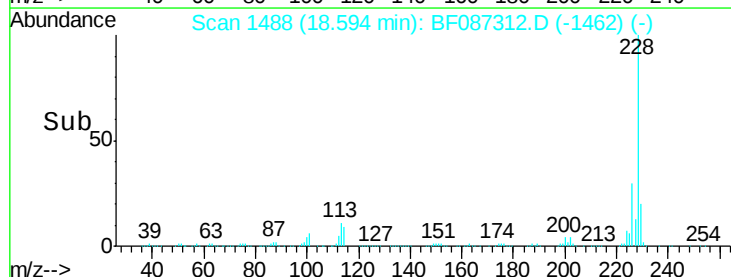
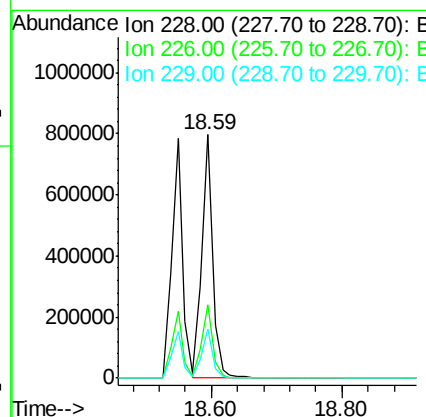
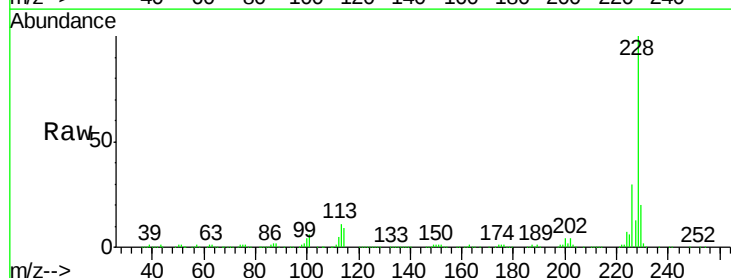
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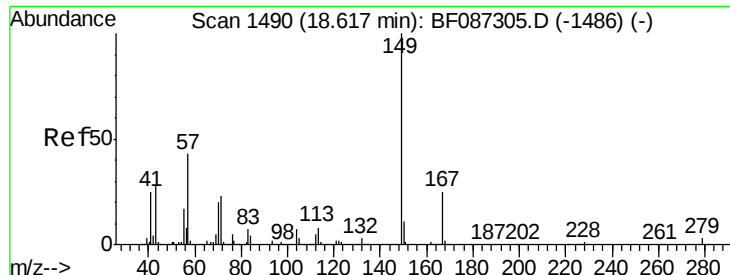
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#82
 Chrysene
 Concen: 39.27 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.0	15.8	23.8





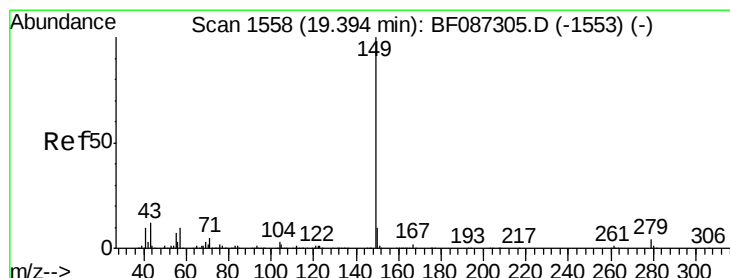
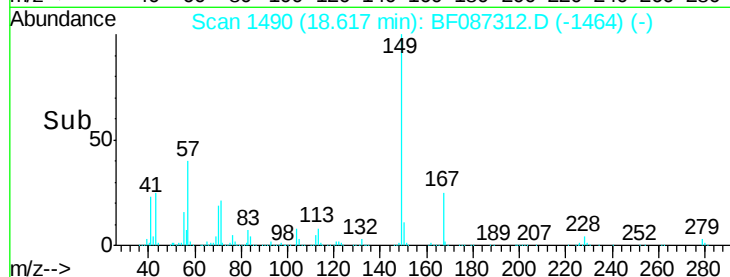
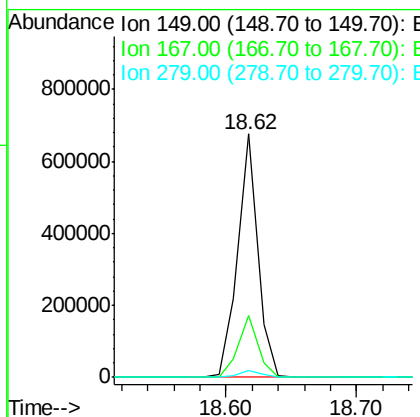
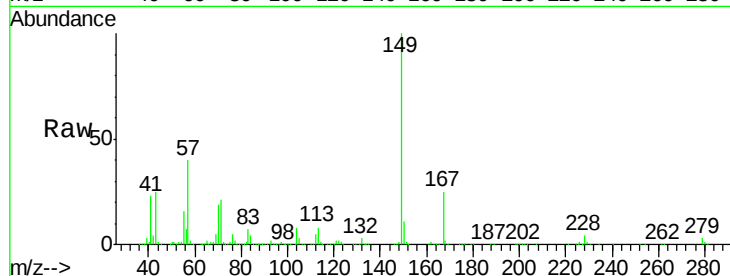
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.82 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	724358		
167	25.2	21.8	32.6	
279	2.7	2.6	4.0	

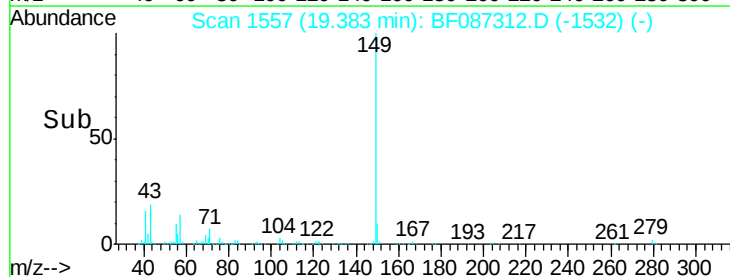
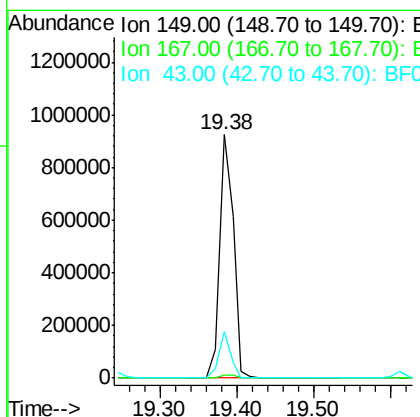
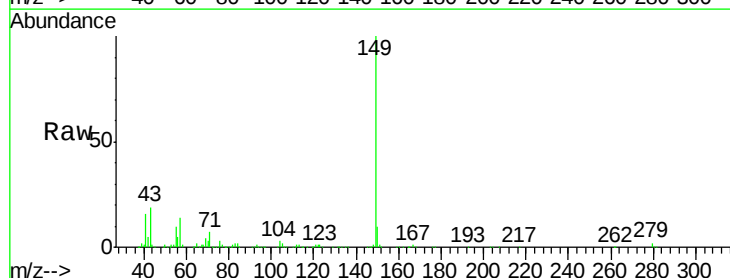
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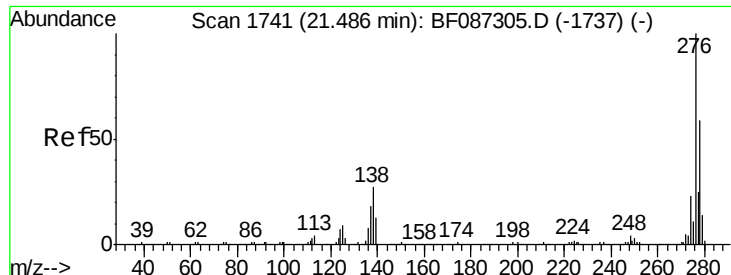
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#84
 Di-n-octyl phthalate
 Concen: 39.56 ng
 RT: 19.38 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1155591		
167	1.5	1.2	1.8	
43	16.2	8.2	12.4	





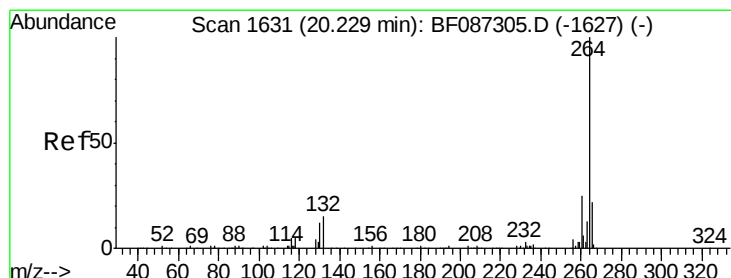
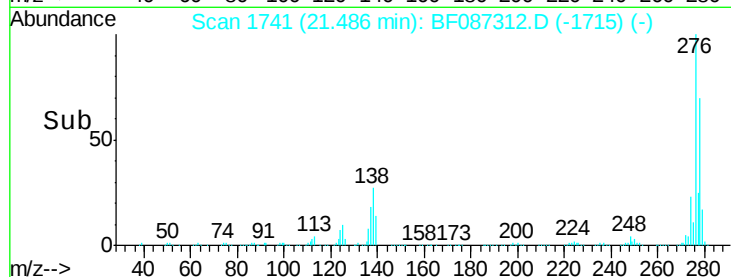
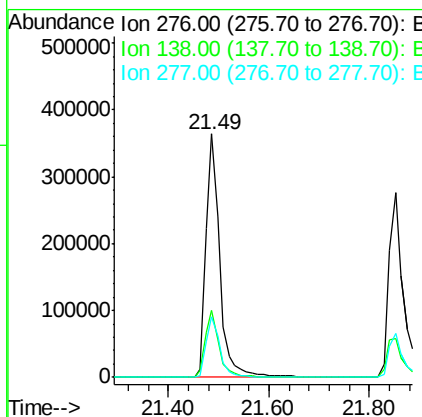
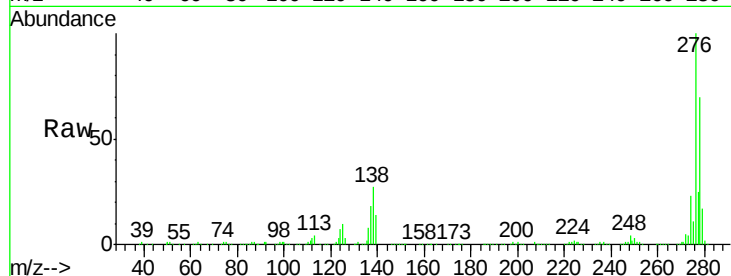
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.54 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt	Ion	Resp	Lower	Upper
276	100			
138	27.7	25.6	38.4	
277	25.4	20.5	30.7	

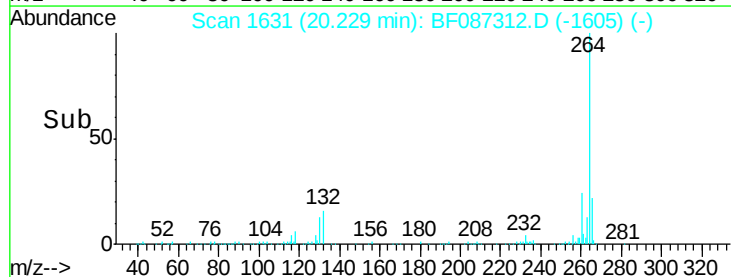
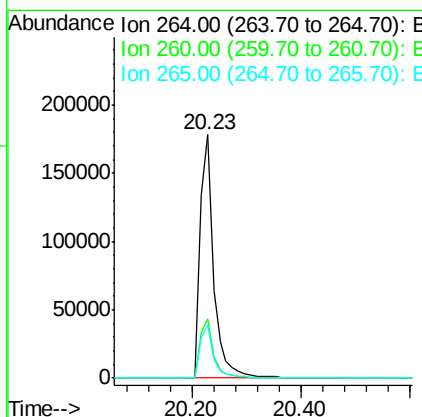
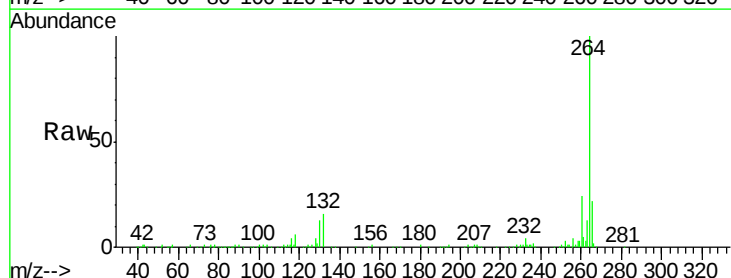
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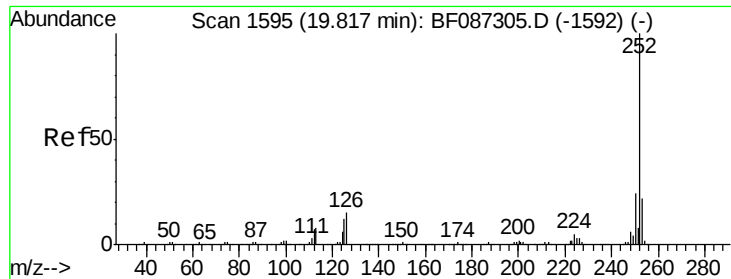
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Tgt	Ion	Resp	Lower	Upper
264	100			
260	24.1	19.5	29.3	
265	21.6	17.3	25.9	





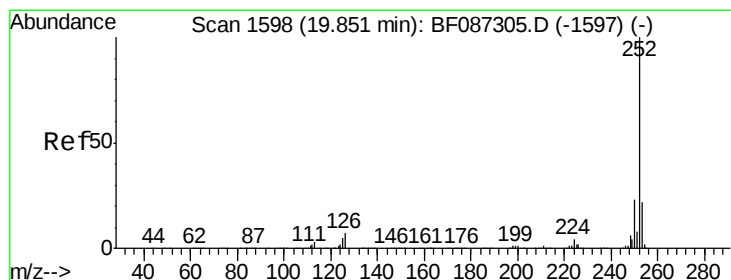
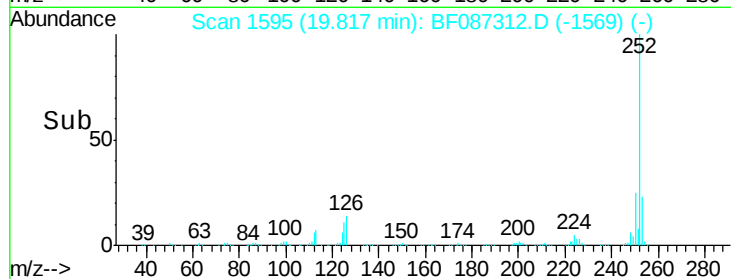
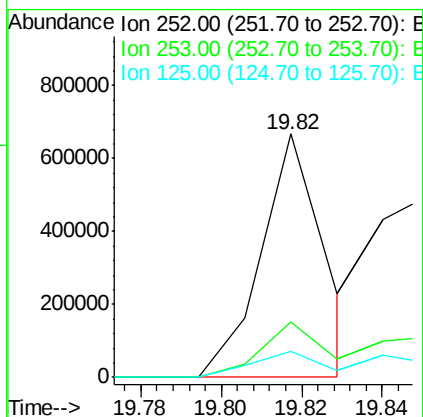
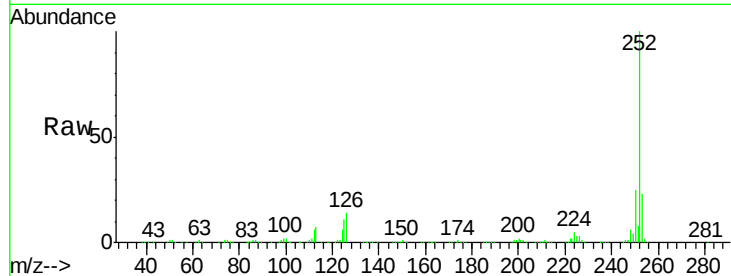
#87
Benzo(b)fluoranthene
Concen: 37.62 ng m
RT: 19.82 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.7	11.4	17.0

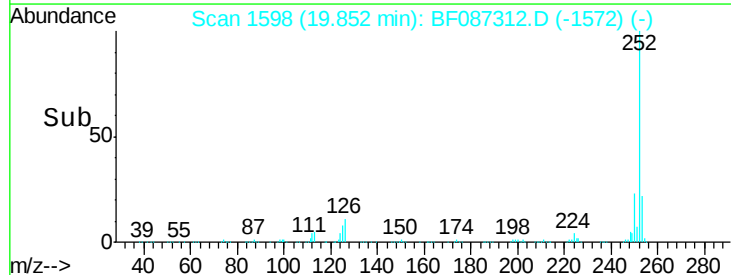
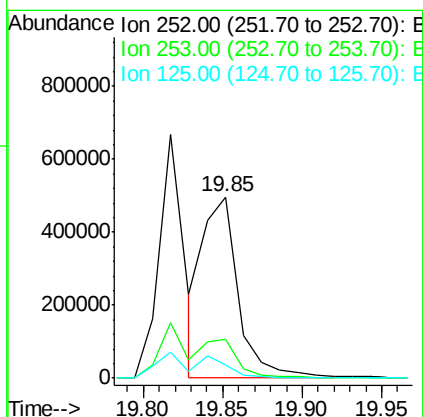
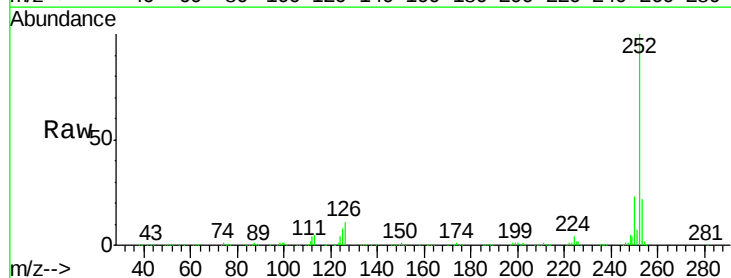
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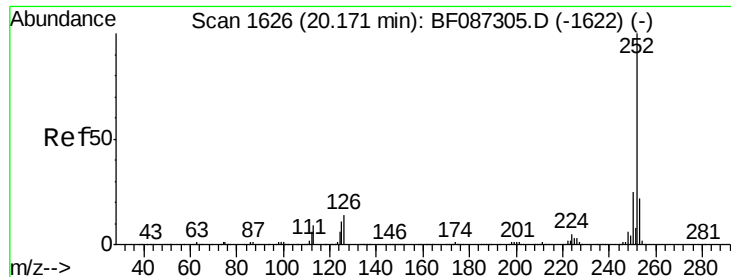
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#88
Benzo(k)fluoranthene
Concen: 47.17 ng m
RT: 19.85 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	7.6	9.1	13.7





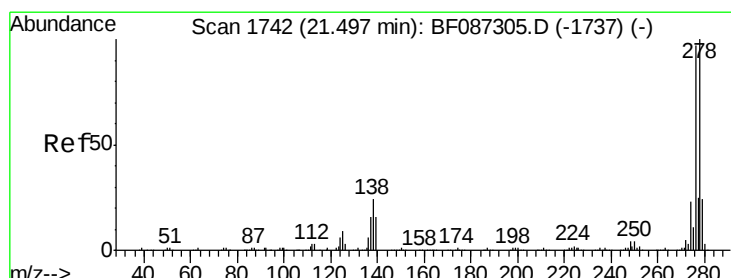
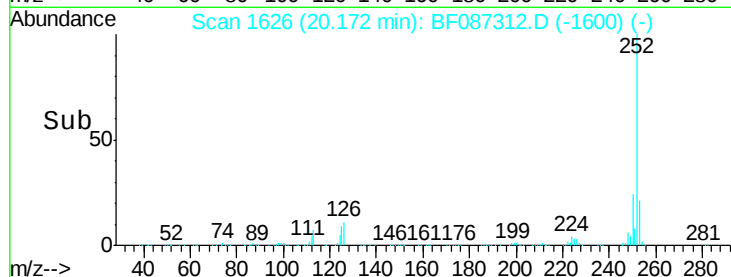
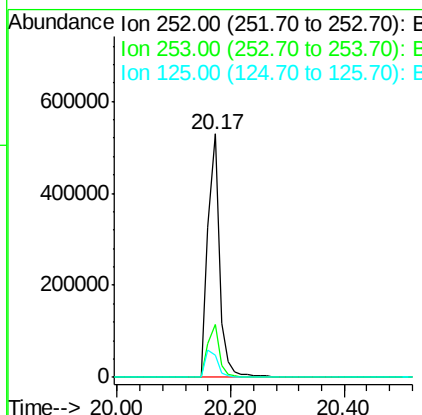
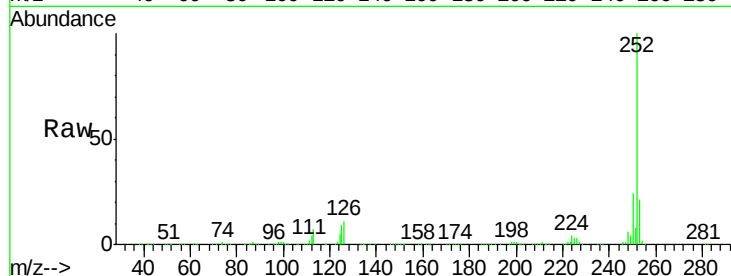
#89
Benzo(a)pyrene
Concen: 42.94 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	8.9	9.0	13.6

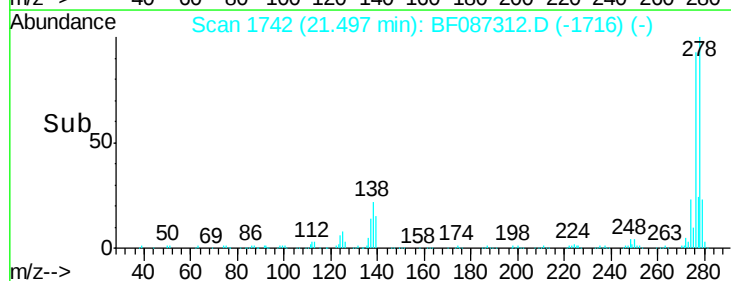
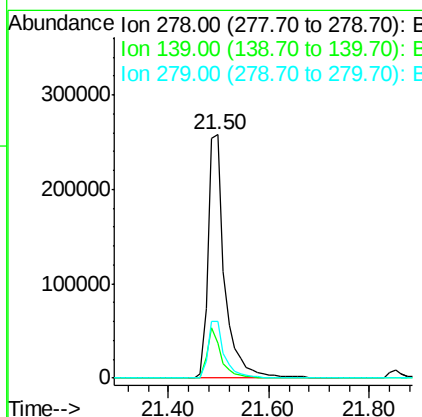
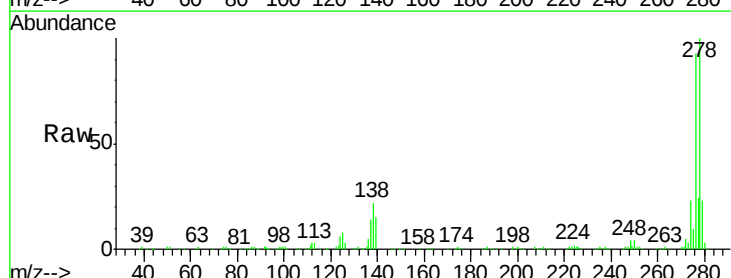
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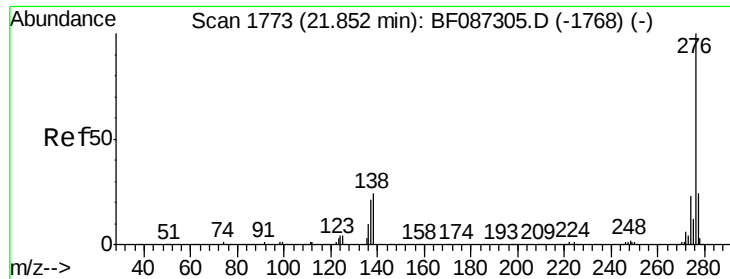
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#90
Dibenzo(a,h)anthracene
Concen: 41.46 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BF087312.D
Acq: 23 May 2016 21:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	16.6	24.8
279	23.3	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 42.15 ng
 RT: 21.85 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BF087312.D
 Acq: 23 May 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Tgt Ion:	276	Resp:	592367
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.6	29.4
138	21.2	23.6	35.4

Manual Integrations
 APPROVED

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