

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090505.D
 Acq On : 11 Oct 2016 16:48
 Operator : UM/SJ
 Sample : PB93839BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Manual Integrations
 APPROVED

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 10/12/2016 4:09:31 PM

Quant Time: Oct 12 11:27:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	222487	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	915736	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	484831	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	817671	20.00	ng	0.01
75) Chrysene-d12	14.13	240	784835	20.00	ng	0.00
86) Perylene-d12	15.61	264	534717	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1578370	110.37	ng	0.01
7) Phenol-d6	6.59	99	2023885	112.15	ng	0.00
23) Nitrobenzene-d5	7.51	82	1261816	74.74	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	625245	130.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2270396	78.70	ng	0.00
78) Terphenyl-d14	13.08	244	2612982	81.36	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	212859	30.34	ng	# 84
3) Pyridine	3.45	79	613589m	31.65	ng	
4) n-Nitrosodimethylamine	3.40	42	243020	38.25	ng	# 40
6) Aniline	6.61	93	484181	21.15	ng	97
8) 2-Chlorophenol	6.74	128	581397	38.22	ng	98
9) Benzaldehyde	6.50	77	184106	16.19	ng	96
10) Phenol	6.60	94	857530	42.12	ng	97
11) bis(2-Chloroethyl)ether	6.69	93	602371	39.53	ng	90
12) 1,3-Dichlorobenzene	6.90	146	611262	37.24	ng	98
13) 1,4-Dichlorobenzene	6.97	146	581217	34.71	ng	99
14) 1,2-Dichlorobenzene	7.13	146	623590	40.98	ng	97
15) Benzyl Alcohol	7.09	79	526504	37.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	750898	34.39	ng	89
17) 2-Methylphenol	7.21	107	490996	39.68	ng	99
18) Hexachloroethane	7.47	117	229888	37.20	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	438833	38.12	ng	# 80
20) 3+4-Methylphenols	7.37	107	642516	41.01	ng	# 75
22) Acetophenone	7.37	105	806882	40.02	ng	# 88
24) Nitrobenzene	7.54	77	712611	39.35	ng	# 87
25) Isophorone	7.78	82	1234021	40.16	ng	97
26) 2-Nitrophenol	7.86	139	327977	39.70	ng	95
27) 2,4-Dimethylphenol	7.89	122	578816	41.21	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	712064	37.52	ng	97
29) 2,4-Dichlorophenol	8.10	162	492297	41.91	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	490803	36.37	ng	99
31) Naphthalene	8.26	128	1626797	35.66	ng	98
32) Benzoic acid	8.01	122	354981	32.03	ng	99
33) 4-Chloroaniline	8.30	127	243790	12.62	ng	95
34) Hexachlorobutadiene	8.38	225	278961	36.98	ng	99
35) Caprolactam	8.67	113	182162m	47.83	ng	
36) 4-Chloro-3-methylphenol	8.79	107	549509	40.06	ng	97
37) 2-Methylnaphthalene	8.95	142	1129794	36.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	532628	39.24	ng	98
40) Hexachlorocyclopentadiene	9.11	237	660129	97.98	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	339906	37.14	nq	96
43) 2,4,5-Trichlorophenol	9.27	196	360445	39.80	nq	96
45) 1,1'-Biphenyl	9.42	154	1417250	38.27	nq	95
46) 2-Chloronaphthalene	9.45	162	1134622	41.18	nq	97
47) 2-Nitroaniline	9.54	65	387318	39.41	nq	96
48) Acenaphthylene	9.86	152	1598558	35.96	nq	98
49) Dimethylphthalate	9.72	163	1218468	37.37	nq	99
50) 2,6-Dinitrotoluene	9.78	165	266110	36.96	nq	94
51) Acenaphthene	10.03	154	1145866	38.46	nq	97
52) 3-Nitroaniline	9.95	138	180742	20.23	nq	# 88
53) 2,4-Dinitrophenol	10.05	184	274773	68.78	nq	# 83
54) Dibenzofuran	10.21	168	1563554	39.45	nq	96
55) 4-Nitrophenol	10.11	139	541673	78.03	nq	94
56) 2,4-Dinitrotoluene	10.19	165	428909	45.04	nq	90
57) Fluorene	10.55	166	1229161	37.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	324490	42.95	nq	95
59) Diethylphthalate	10.42	149	1268636	38.25	nq	# 91
60) 4-Chlorophenyl-phenylether	10.54	204	645032	43.20	nq	90
61) 4-Nitroaniline	10.57	138	308535	33.85	nq	94
62) Azobenzene	10.70	77	1517637	41.90	nq	87
64) 4,6-Dinitro-2-methylphenol	10.59	198	184198	33.73	nq	# 82
65) n-Nitrosodiphenylamine	10.66	169	1000888	37.64	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	380207	41.96	nq	# 85
67) Hexachlorobenzene	11.10	284	399093	39.88	nq	# 84
68) Atrazine	11.18	200	292109	35.50	nq	98
69) Pentachlorophenol	11.30	266	469411	78.82	nq	97
70) Phenanthrene	11.51	178	1891541	41.98	nq	98
71) Anthracene	11.56	178	1636645	35.85	nq	98
72) Carbazole	11.72	167	1727035	40.05	nq	96
73) Di-n-butylphthalate	12.05	149	2067053	39.81	nq	# 97
74) Fluoranthene	12.70	202	1900669	41.32	nq	94
76) Benzidine	12.82	184	488314	19.80	nq	99
77) Pyrene	12.93	202	1882142	38.31	nq	99
79) Butylbenzylphthalate	13.55	149	824717	35.86	nq	88
80) Benzo(a)anthracene	14.12	228	1668862	35.68	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	291552	17.32	nq	99
82) Chrysene	14.16	228	1382701	31.76	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1158141	34.51	nq	# 100
84) Di-n-octyl phthalate	14.73	149	1947940	37.48	nq	# 87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1135413	31.32	nq	97
87) Benzo(b)fluoranthene	15.17	252	1601334	45.39	nq	# 95
88) Benzo(k)fluoranthene	15.21	252	1107904m	35.25	nq	
89) Benzo(a)pyrene	15.55	252	1292002	41.70	nq	97
90) Dibenzo(a,h)anthracene	17.10	278	972013	36.93	nq	97
91) Benzo(g,h,i)perylene	17.53	276	894635	36.76	nq	97

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

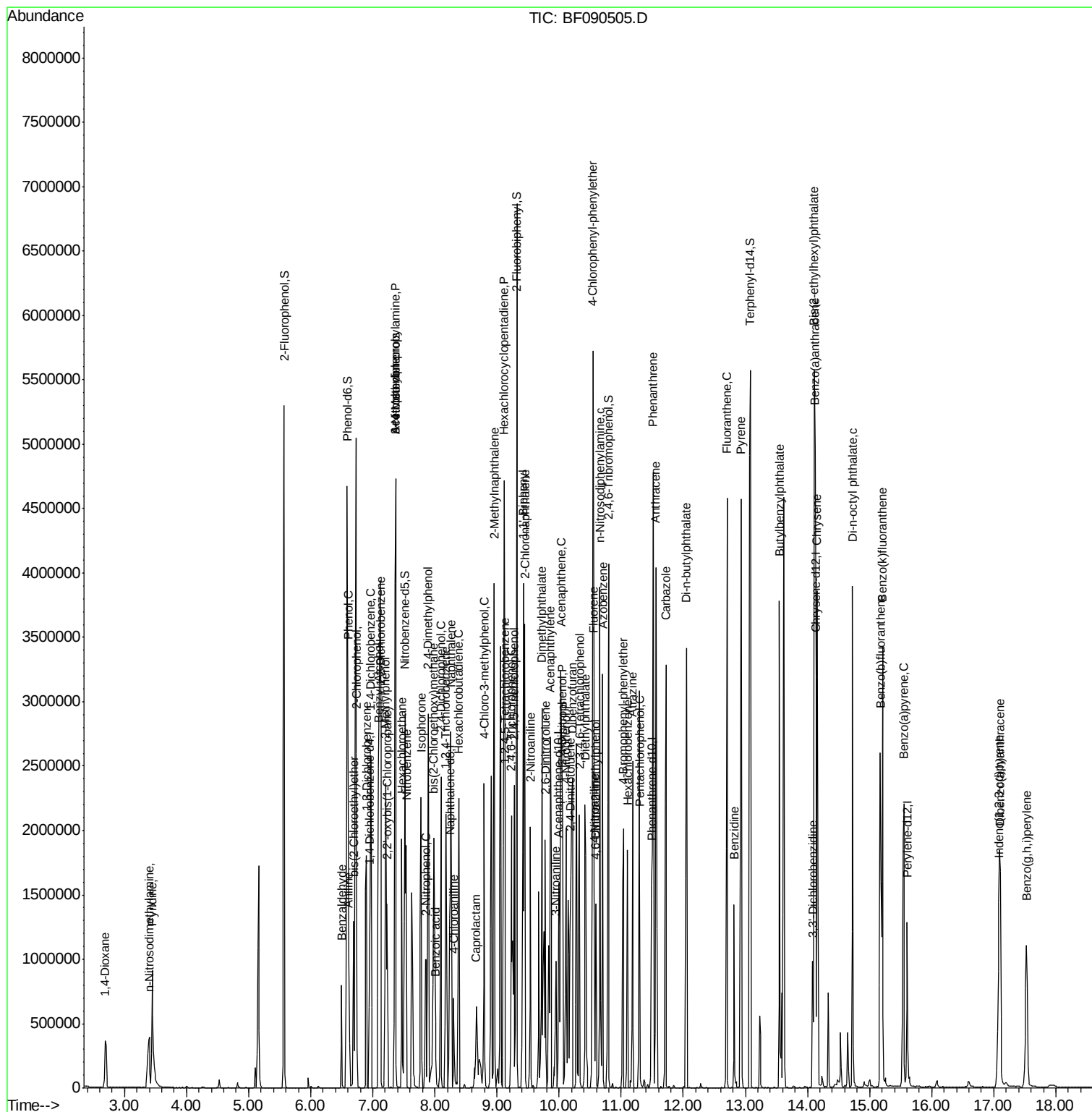
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Acq On    : 11 Oct 2016 16:48  
Operator  : UM/SJ  
Sample    : PB93839BS  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
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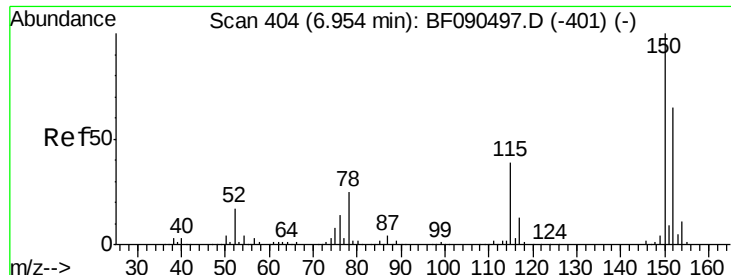
Instrument :
BNA_F
ClientSampleId :
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#1

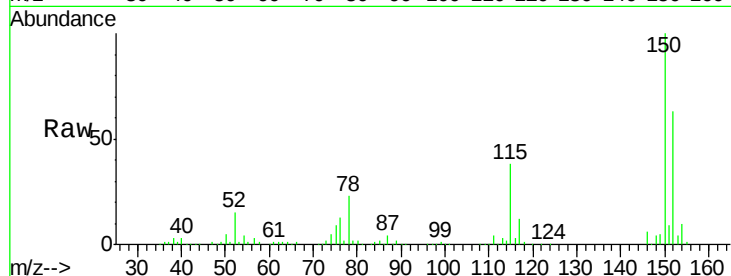
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

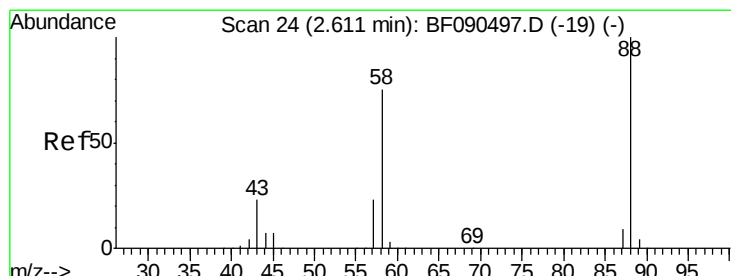
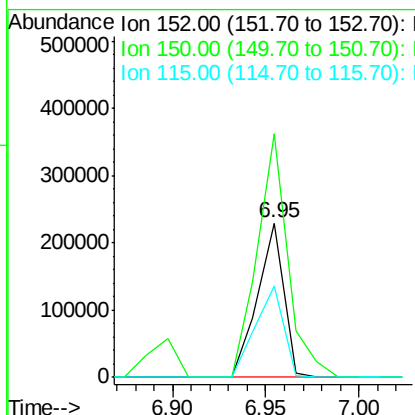
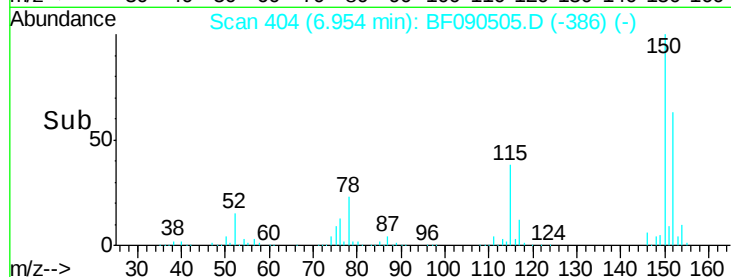
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	59.3	46.2	69.4

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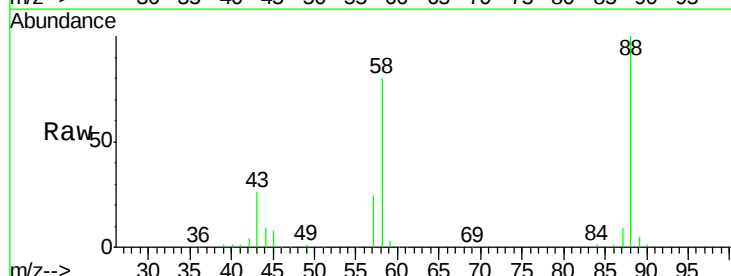
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



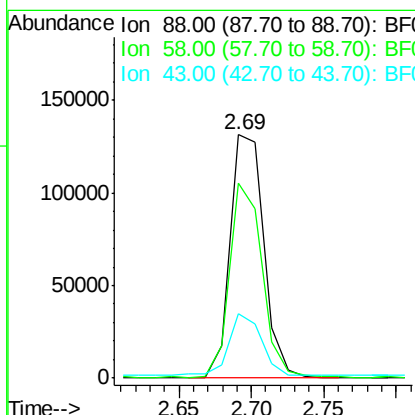
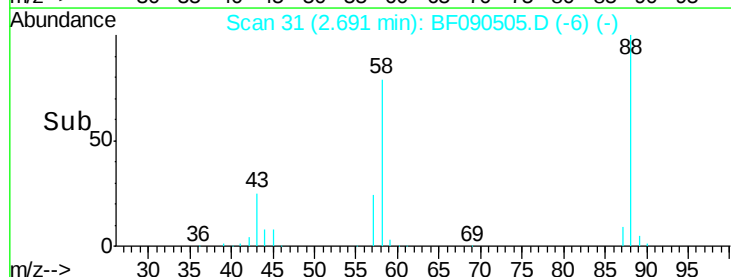
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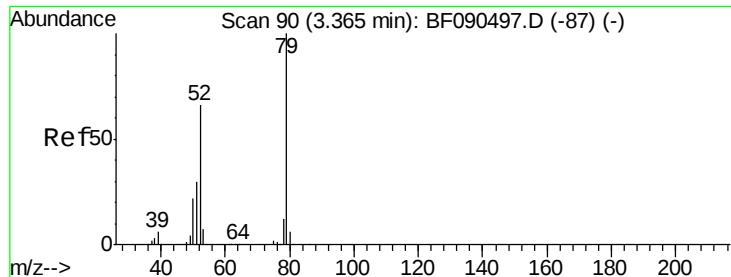
1,4-Dioxane
Concen: 30.34 ng
RT: 2.69 min Scan# 31
Delta R.T. 0.08 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	71.2	106.8
43	24.2	29.8	44.6#



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





#3

Pvridine

Concen: 31.65 ng/ml

RT: 3.45 min Scan# 97

Delta R.T. 0.08 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

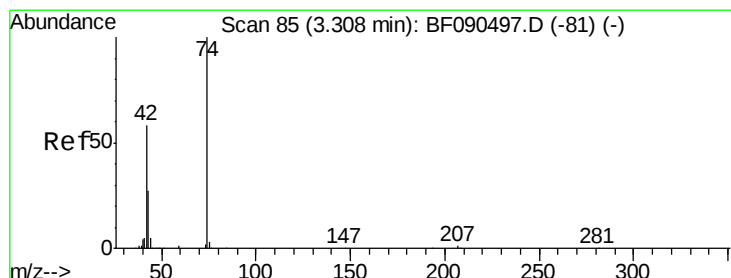
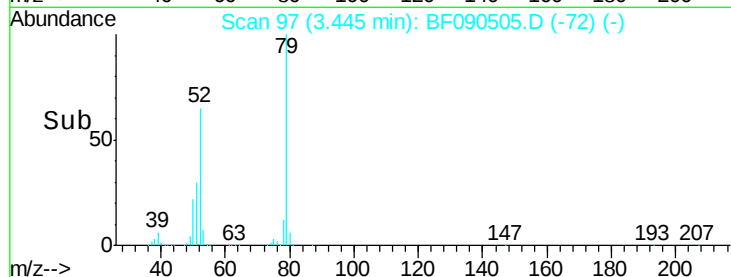
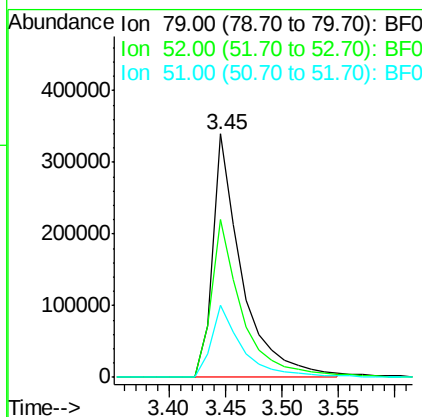
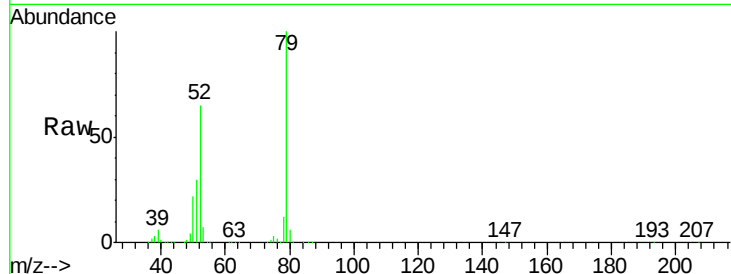
ClientSampleId :

PB93839BS

Tot Ion:	79	Resp:	613589
Ion Ratio	Lower	Upper	
79	100		
52	65.0	71.3	106.9#
51	29.8	34.5	51.7#

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#4

n-Nitrosodimethylamine

Concen: 38.25 ng/ml

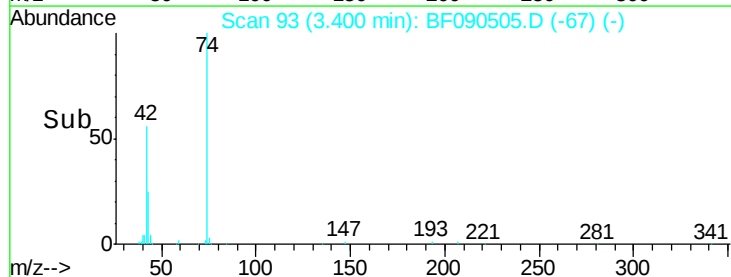
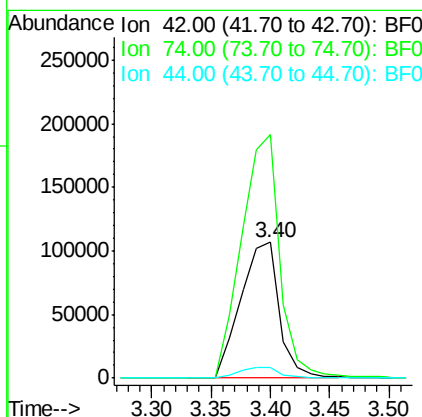
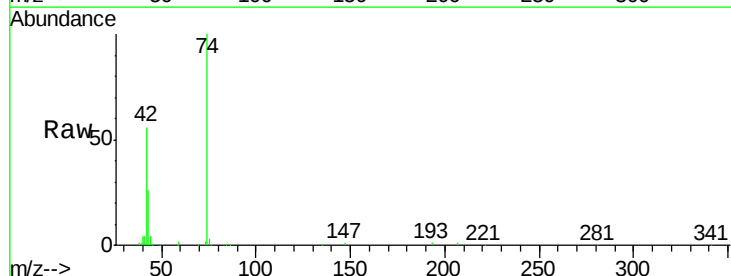
RT: 3.40 min Scan# 93

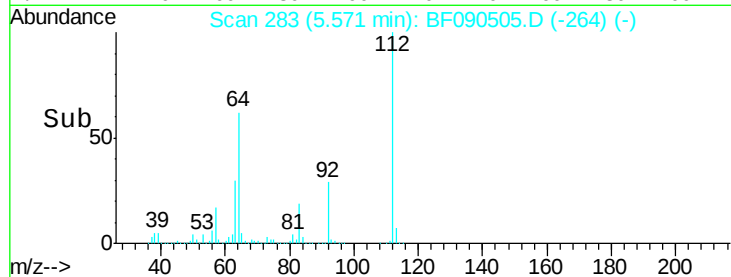
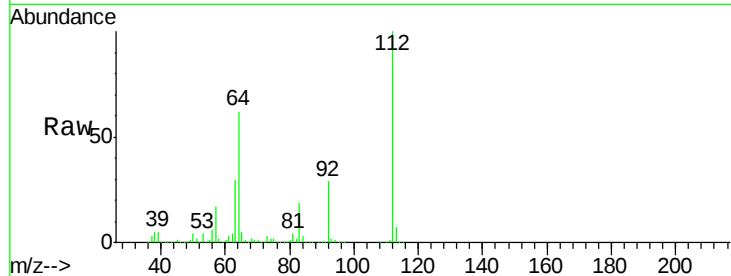
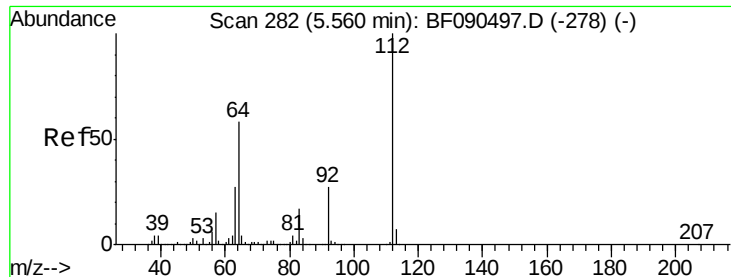
Delta R.T. 0.09 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion:	42	Resp:	243020
Ion Ratio	Lower	Upper	
42	100		
74	179.2	88.9	133.3#
44	8.1	6.5	9.7





#5

2-Fluorophenol

Concen: 110.37 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tot Ion:	112	Resp:	1578370
Ion	Ratio	Lower	Upper
112	100		
64	61.8	57.9	86.9
63	30.4	29.6	44.4

Instrument :

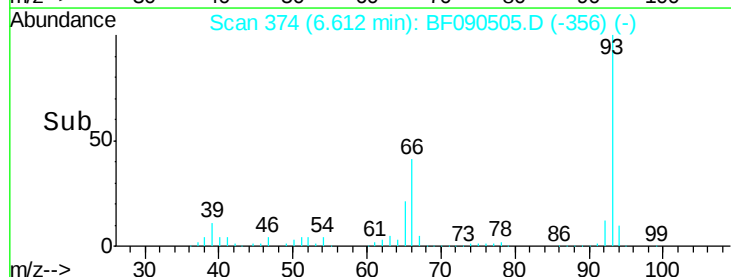
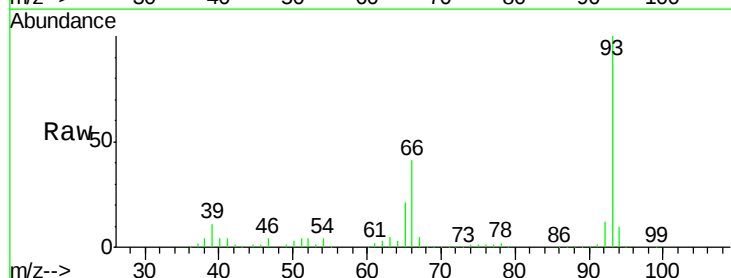
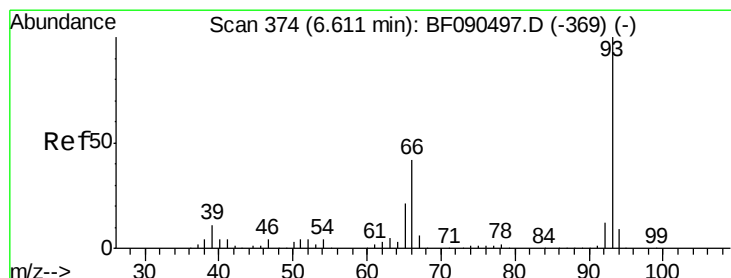
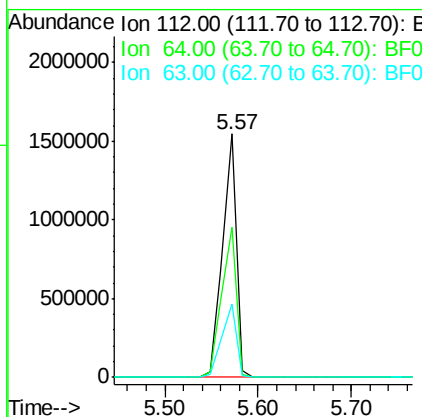
BNA_F

ClientSampleId :

PB93839BS

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#6

Aniline

Concen: 21.15 ng

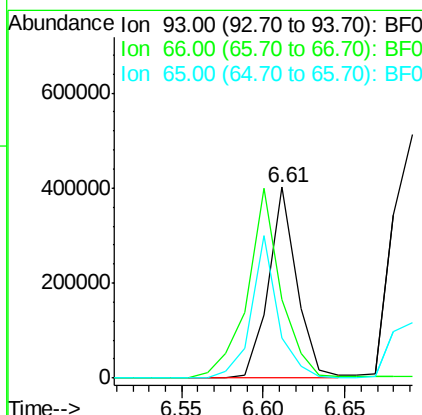
RT: 6.61 min Scan# 374

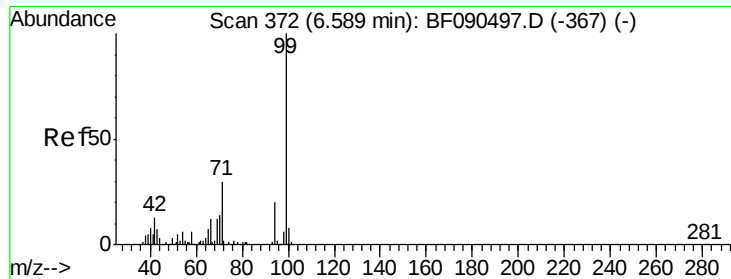
Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion:	93	Resp:	484181
Ion	Ratio	Lower	Upper
93	100		
66	41.3	34.5	51.7
65	21.1	18.2	27.2





#7

Phenol-d6

Concen: 112.15 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

Tot Ion: 99 Resp: 2023885

Ion Ratio Lower Upper

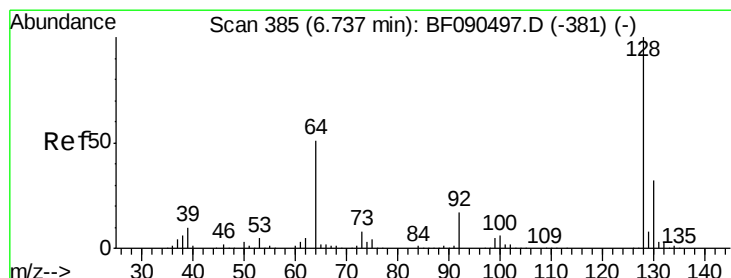
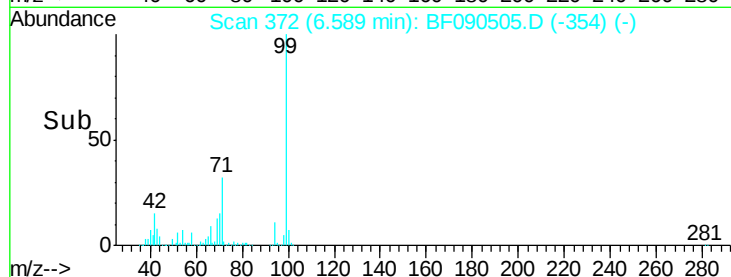
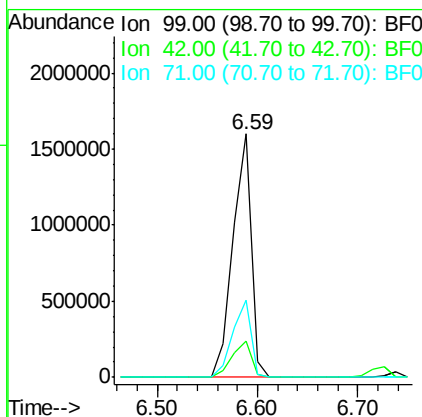
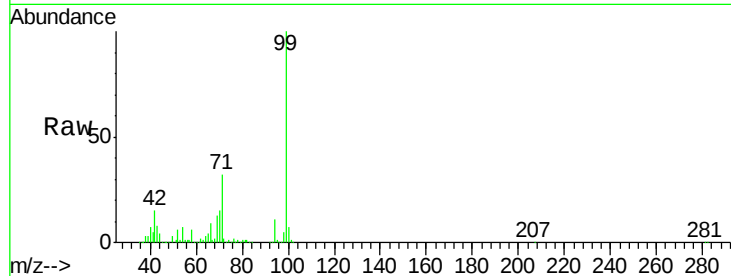
99 100

42 15.1 20.0 30.0#

71 32.0 27.9 41.9

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#8

2-Chlorophenol

Concen: 38.22 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

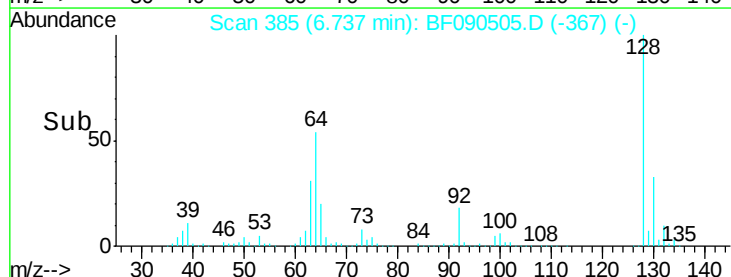
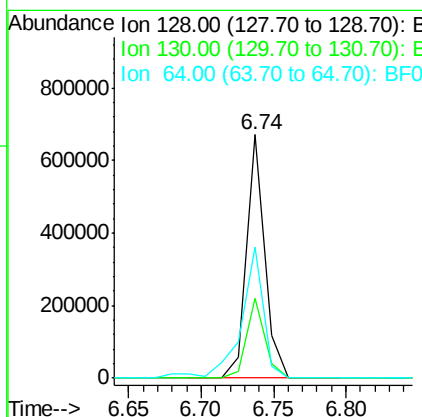
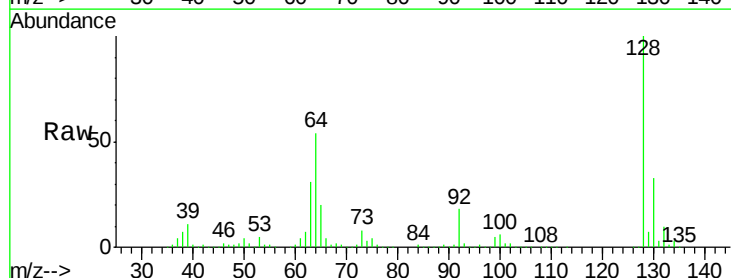
Tgt Ion: 128 Resp: 581397

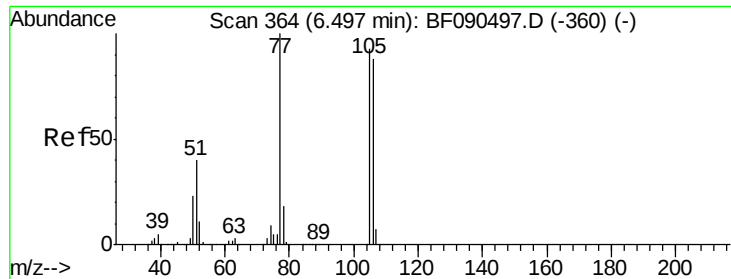
Ion Ratio Lower Upper

128 100

130 32.7 13.3 53.3

64 54.0 36.0 76.0





#9

Benzaldehyde

Concen: 16.19 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

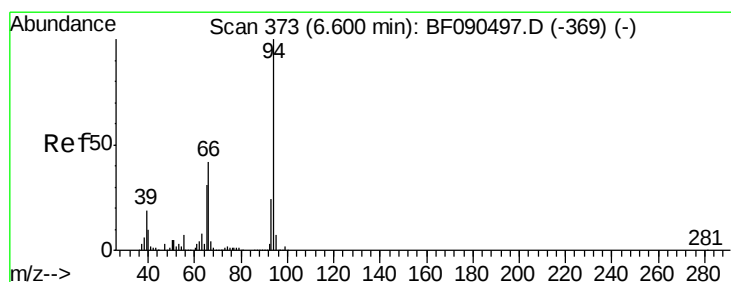
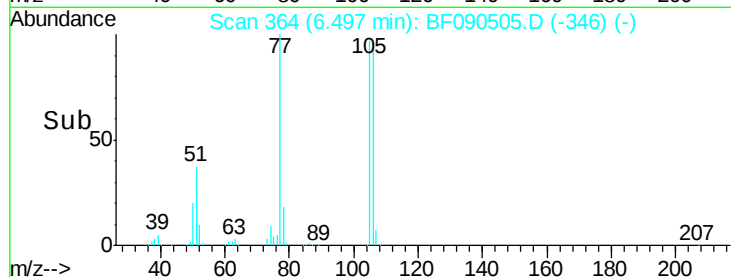
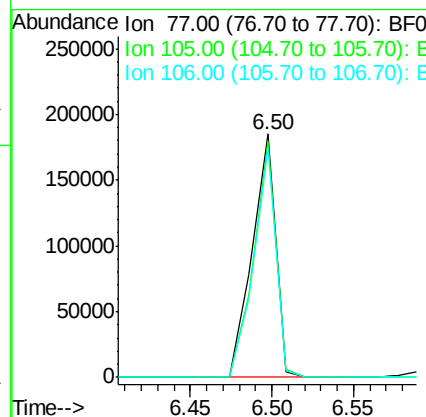
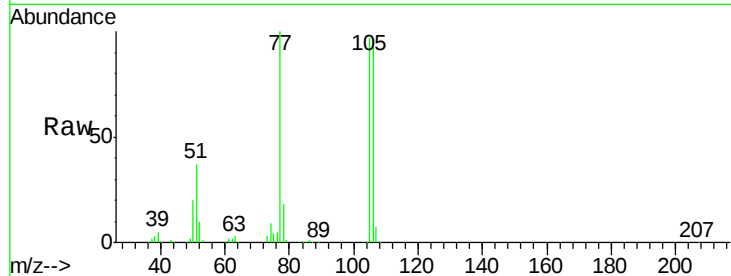
ClientSampleID :

PB93839BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.1	73.1	113.1
106	94.4	70.2	110.2

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#10

Phenol

Concen: 42.12 ng

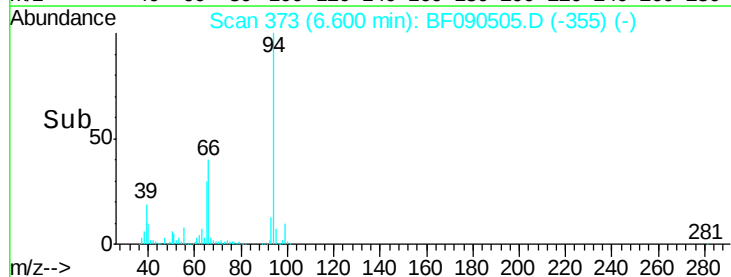
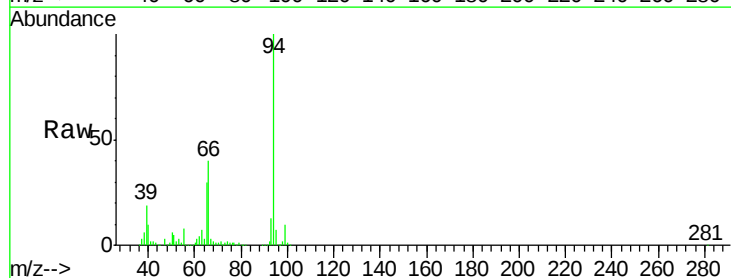
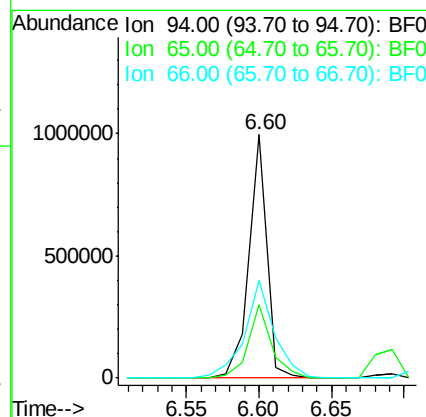
RT: 6.60 min Scan# 373

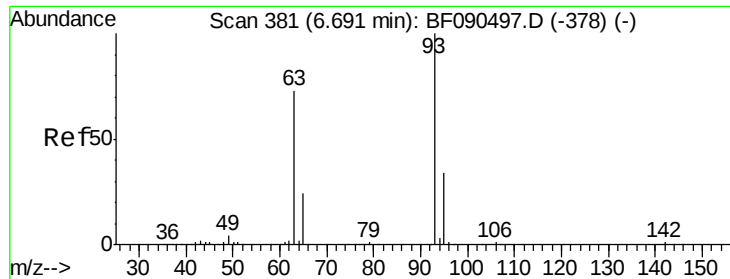
Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	13.3	53.3
66	40.0	20.4	60.4





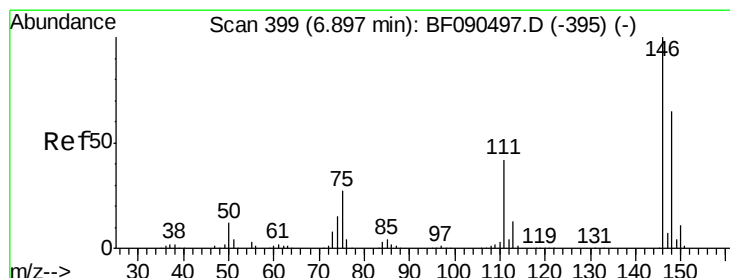
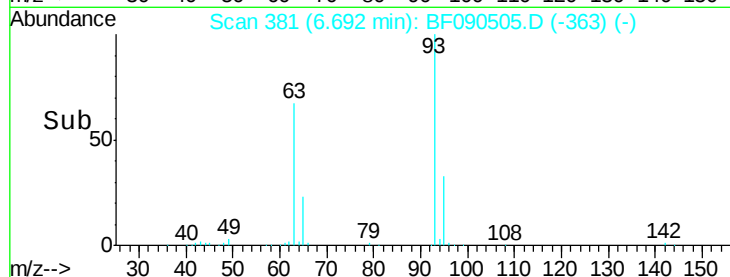
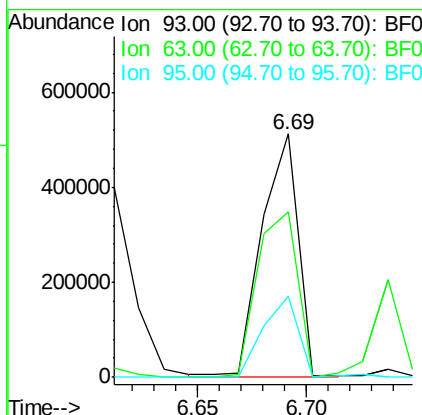
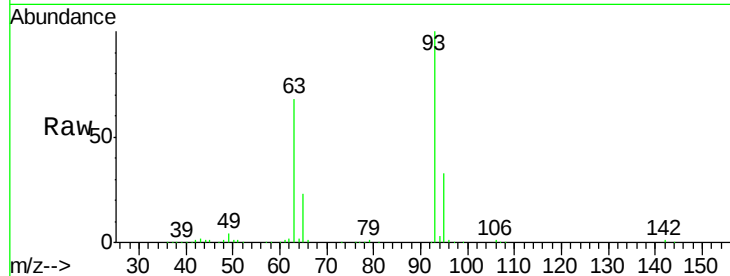
#11
bis(2-Chloroethyl)ether
Concen: 39.53 ng
RT: 6.69 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion:	93	Resp:	602371
Ion Ratio	Lower	Upper	
93	100		
63	67.9	59.7	99.7
95	33.0	14.0	54.0

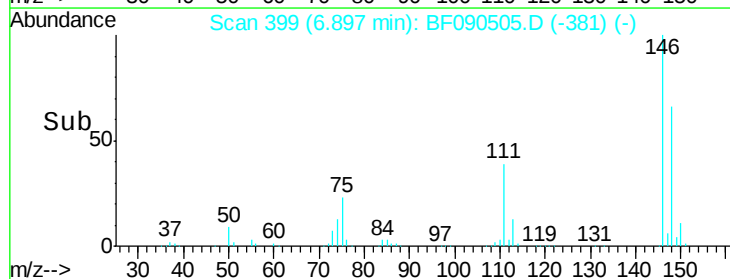
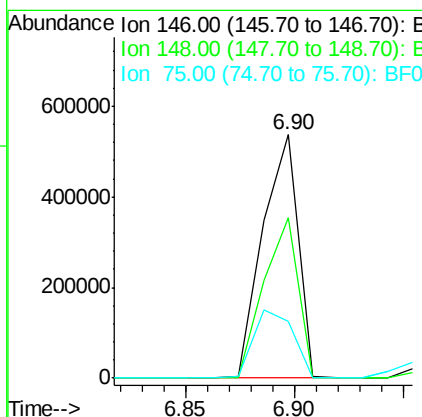
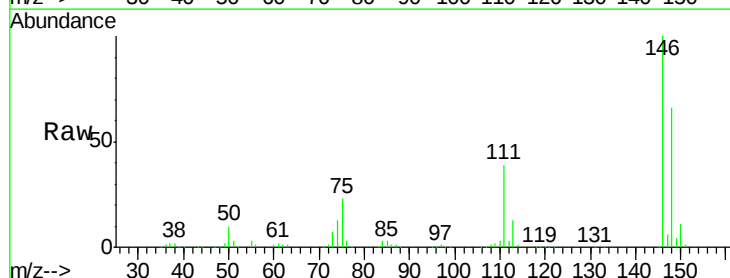
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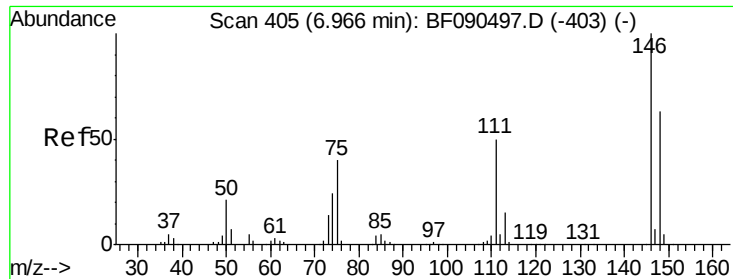
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#12
1,3-Dichlorobenzene
Concen: 37.24 ng
RT: 6.90 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:	146	Resp:	611262
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.2	78.4
75	23.4	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 34.71 ng

RT: 6.97 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

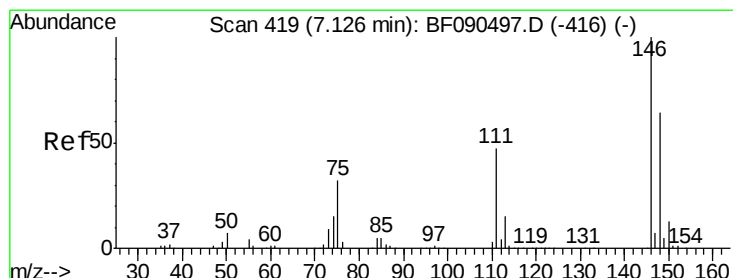
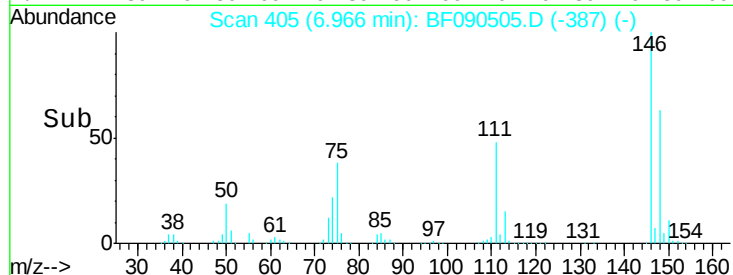
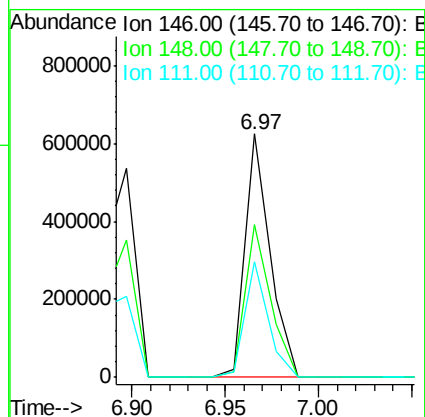
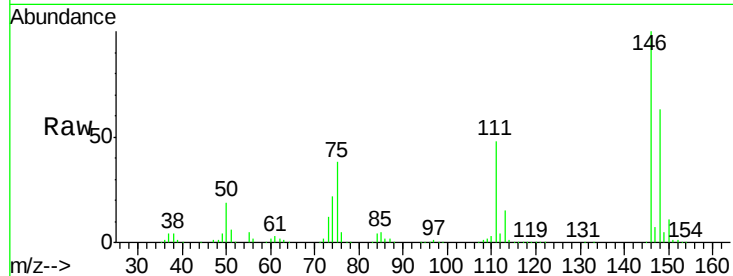
ClientSampled :

PB93839BS

Tot Ion:	146	Resp:	581217
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.1	76.7
111	47.7	37.8	56.6

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#14

1,2-Dichlorobenzene

Concen: 40.98 ng

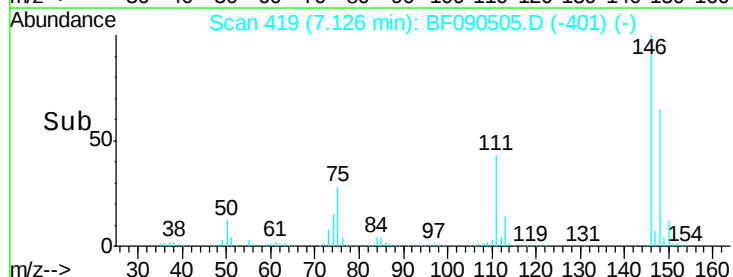
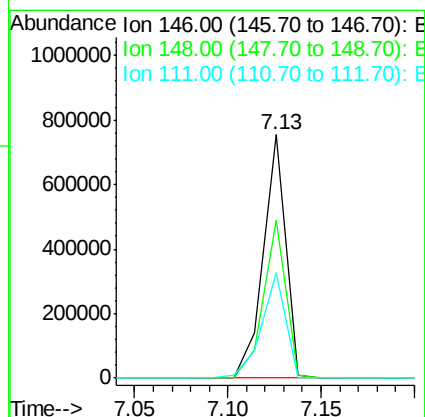
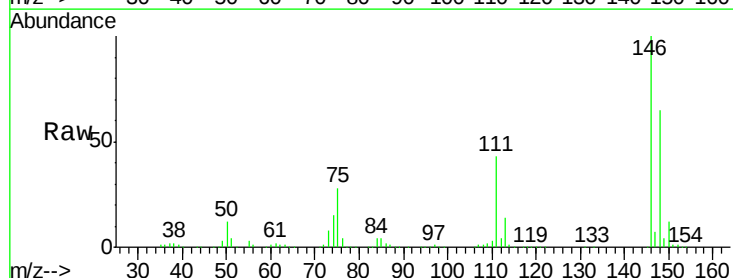
RT: 7.13 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion:	146	Resp:	623590
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.3	78.5
111	43.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 37.99 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

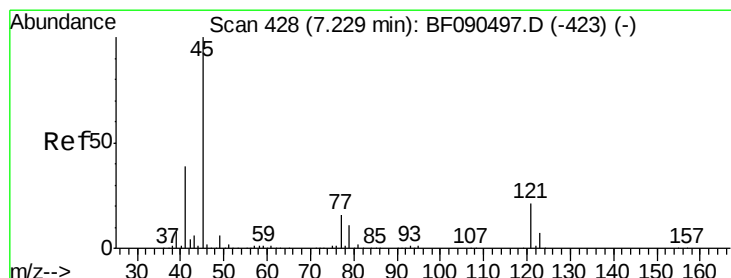
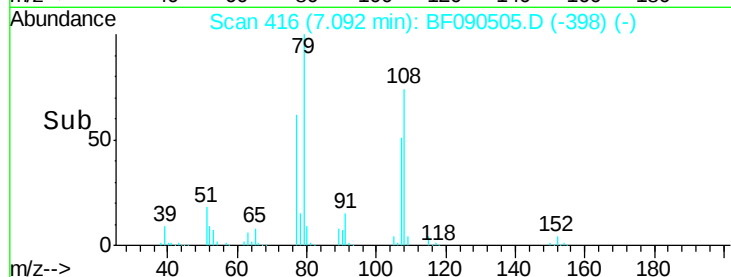
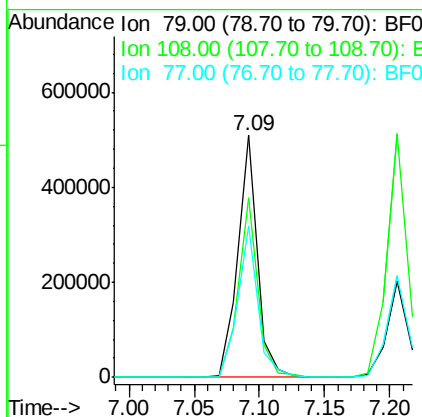
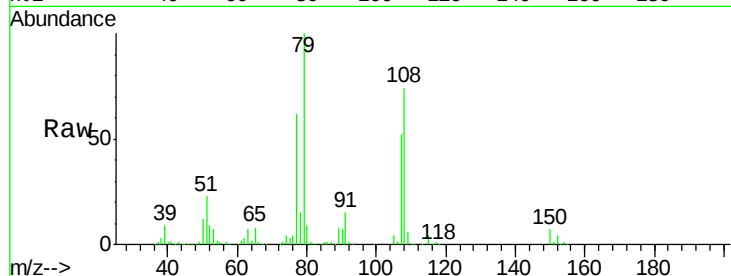
ClientSampleId :

PB93839BS

Tot Ion:	79	Resp:	526504
Ion Ratio	Lower	Upper	
79	100		
108	74.2	60.9	91.3
77	62.5	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.39 ng

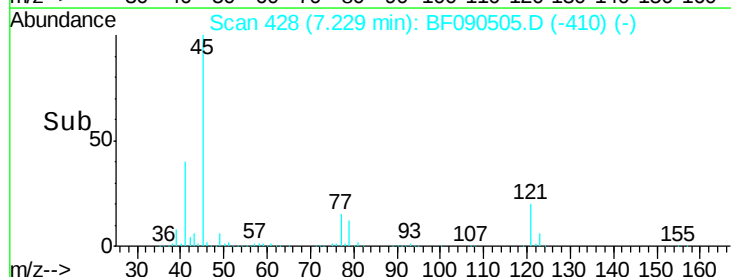
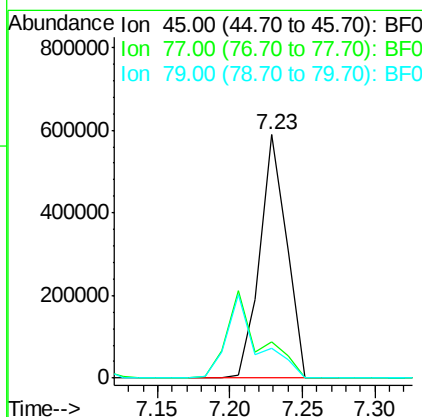
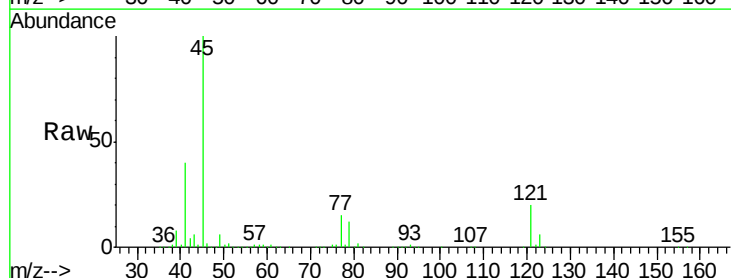
RT: 7.23 min Scan# 428

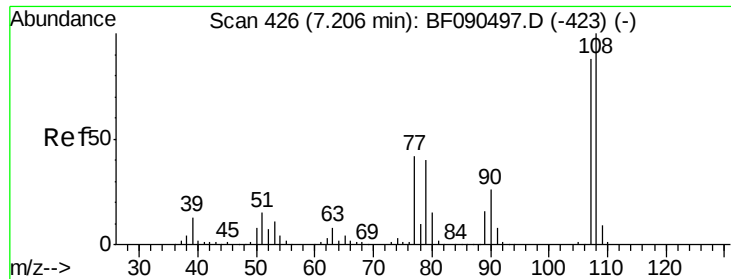
Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion:	45	Resp:	750898
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	30.8
79	12.1	0.0	28.2





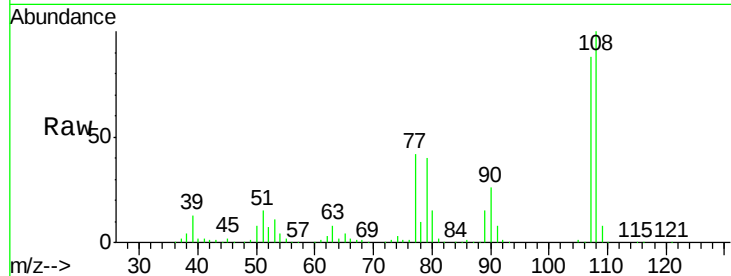
#17
2-Methylphenol
Concen: 39.68 ng
RT: 7.21 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

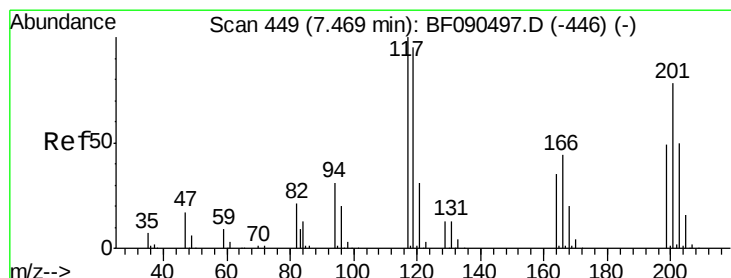
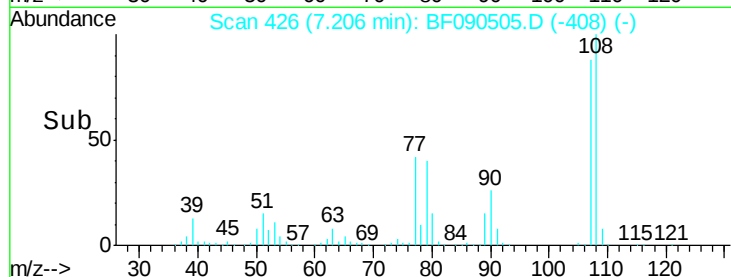
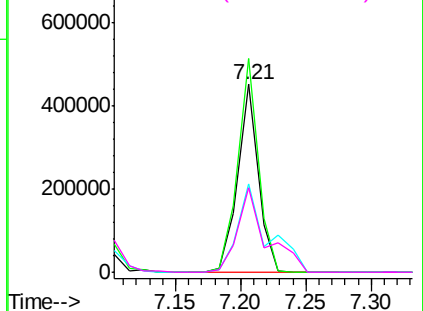
Tot Ion	Ratio	Resp	Lower	Upper
107	100	490996		
108	113.8	90.9	136.3	
77	47.3	38.2	57.4	
79	45.3	37.0	55.4	

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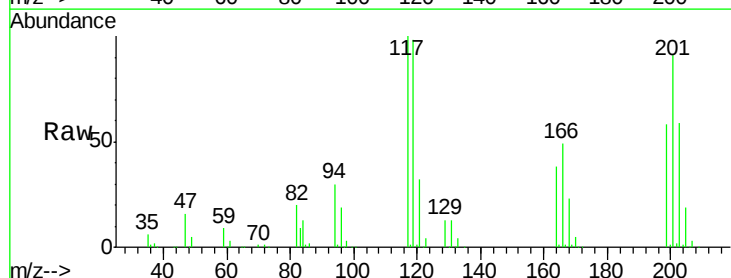


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF0
400000
Ion 79.00 (78.70 to 79.70): BF0
200000
0

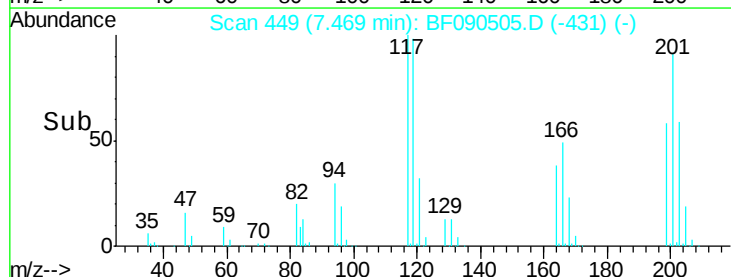
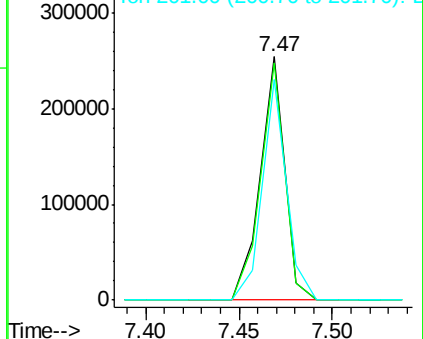


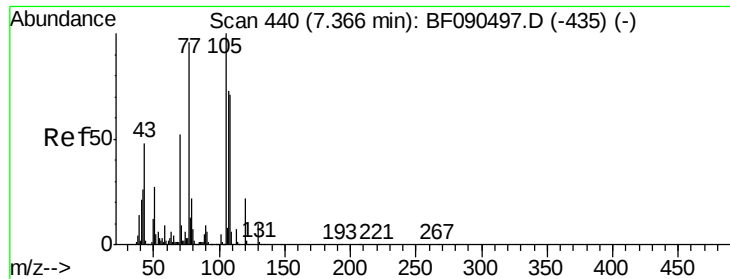
#18
Hexachloroethane
Concen: 37.20 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	229888		
119	97.6	75.9	113.9	
201	90.7	66.5	99.7	



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
100000
0





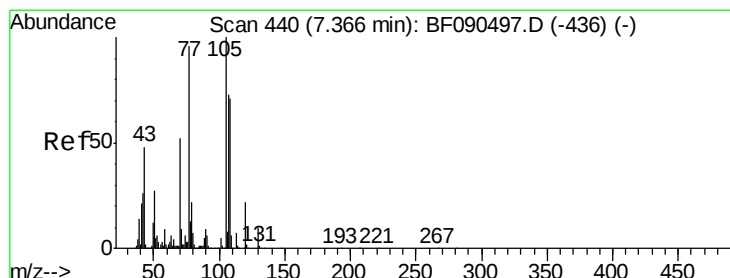
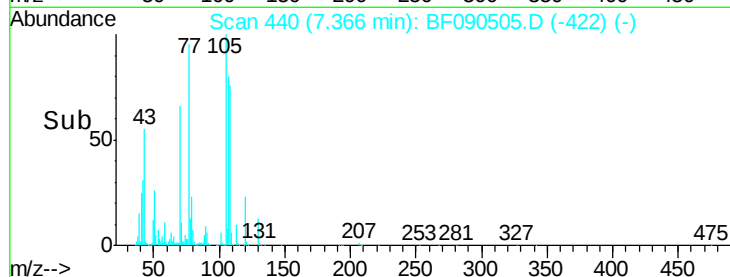
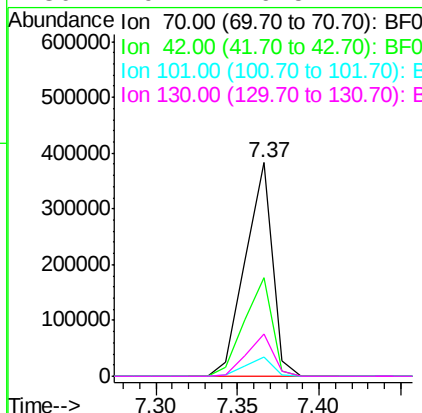
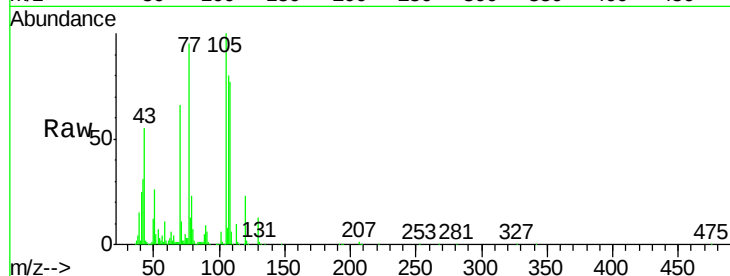
#19
n-Nitroso-di-n-propylamine
Concen: 38.12 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	55.4	83.2#
101	8.9	7.6	11.4
130	19.7	16.5	24.7

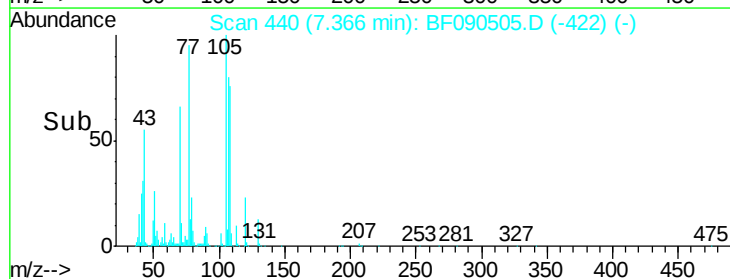
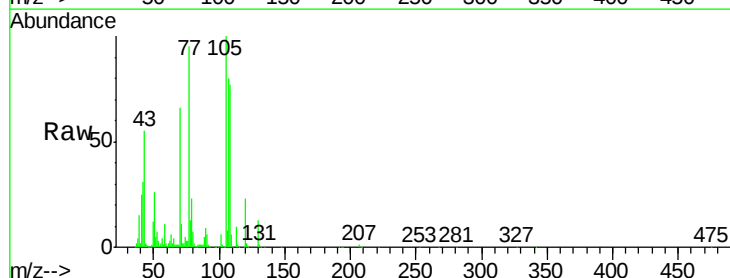
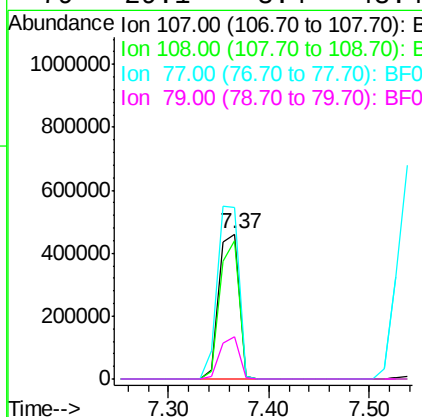
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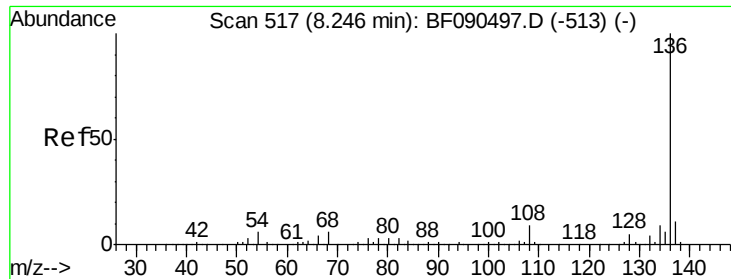
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#20
3+4-Methylphenols
Concen: 41.01 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.6	66.7	106.7
77	118.3	53.7	93.7#
79	29.1	8.4	48.4





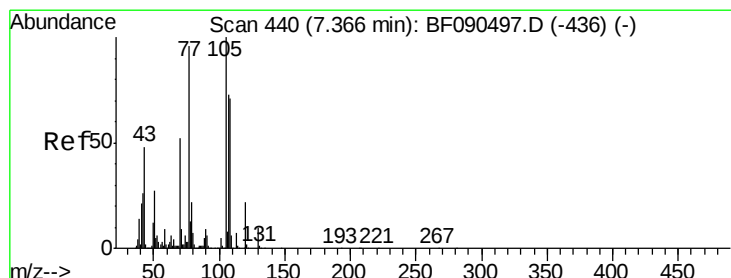
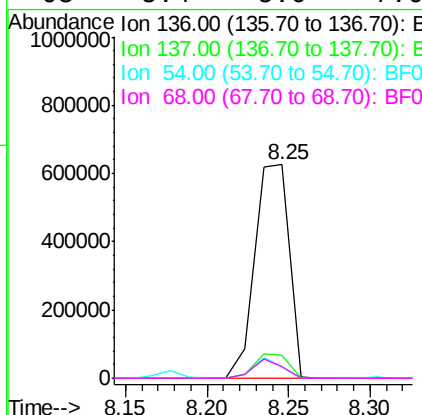
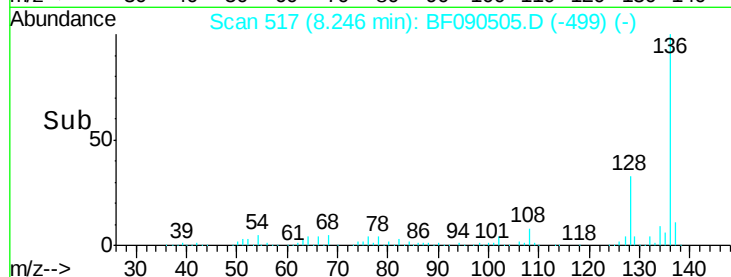
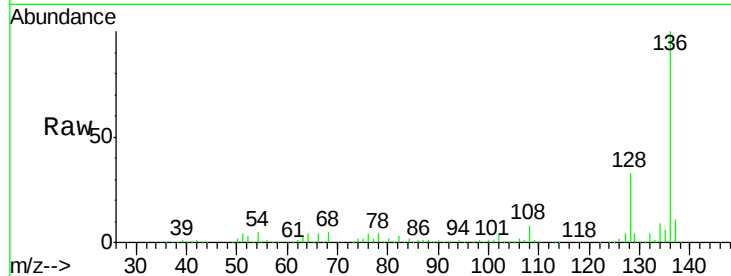
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.0	13.6	
54	5.5	6.6	10.0	
68	5.4	5.0	7.6	

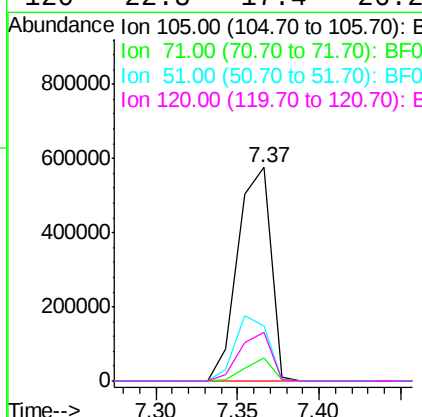
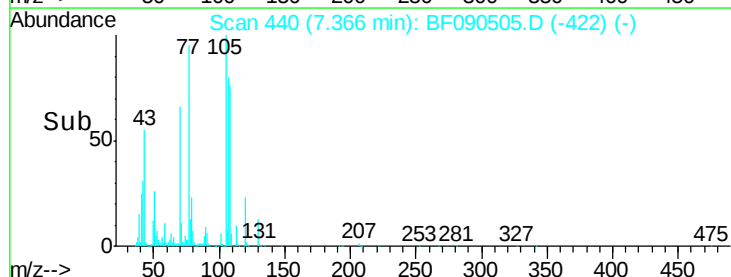
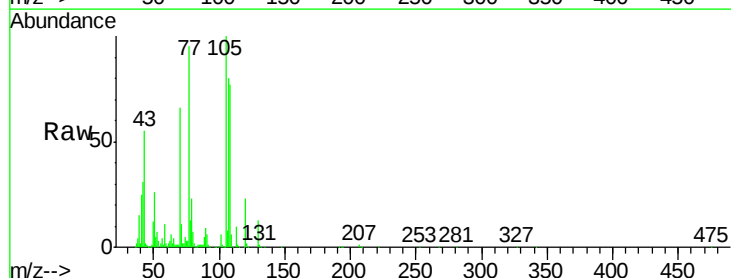
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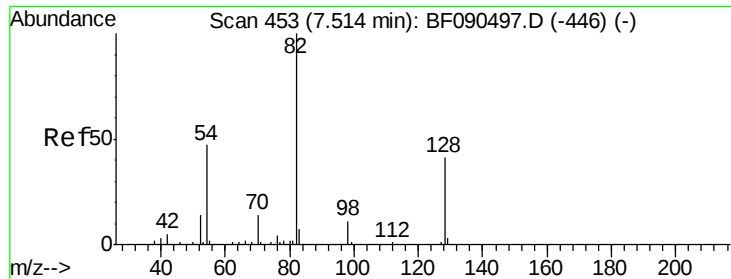
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#22
Acetophenone
Concen: 40.02 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	11.1	3.8	5.6	
51	25.7	28.2	42.4	
120	22.8	17.4	26.2	





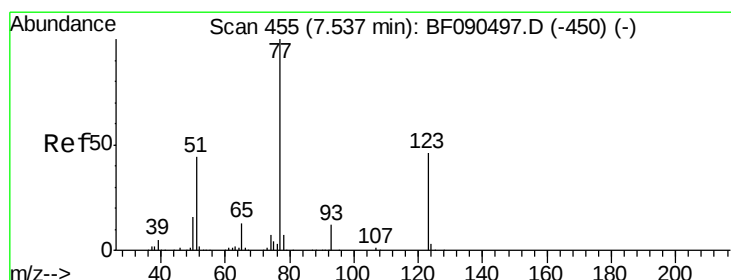
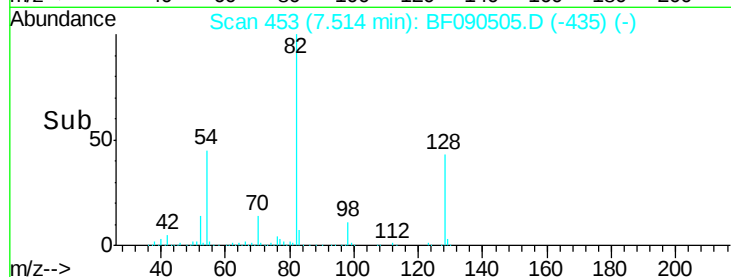
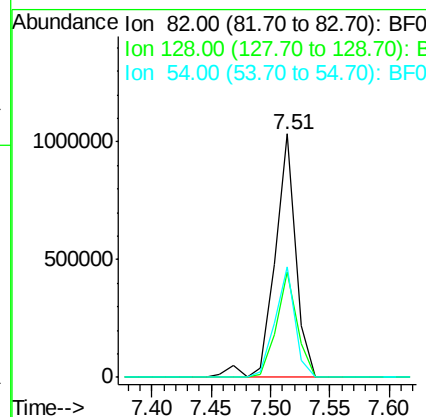
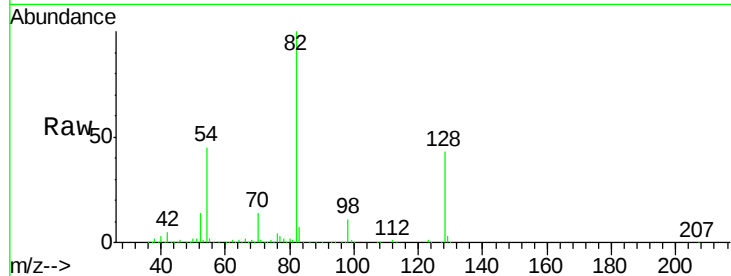
#23
 Nitrobenzene-d5
 Concen: 74.74 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.0	60.0
54	45.4	42.6	64.0

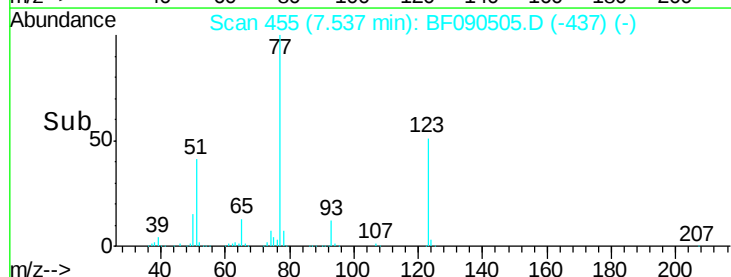
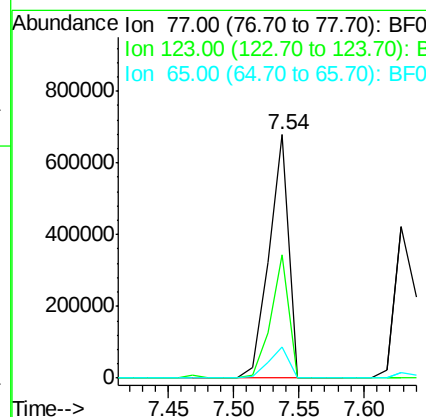
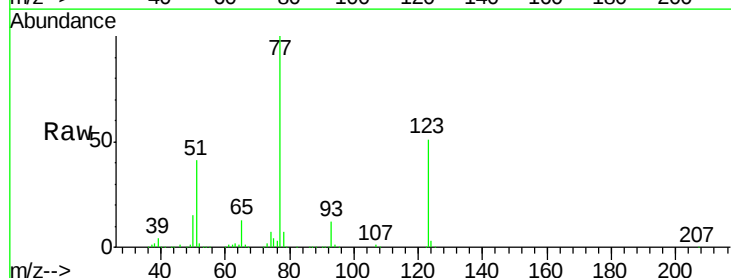
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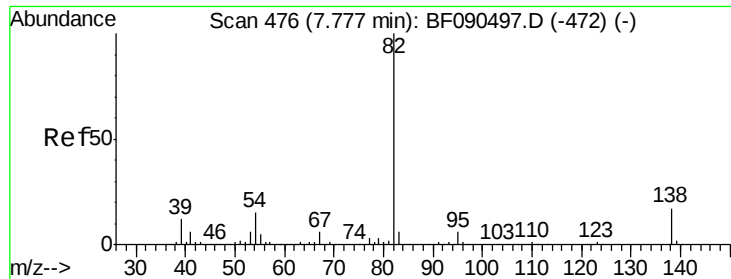
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#24
 Nitrobenzene
 Concen: 39.35 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	33.0	49.4#
65	12.7	12.0	18.0





#25

Isophorone

Concen: 40.16 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

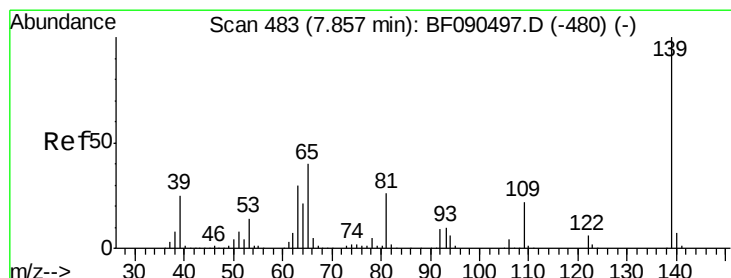
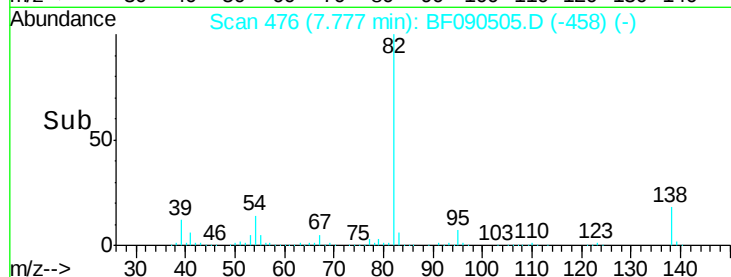
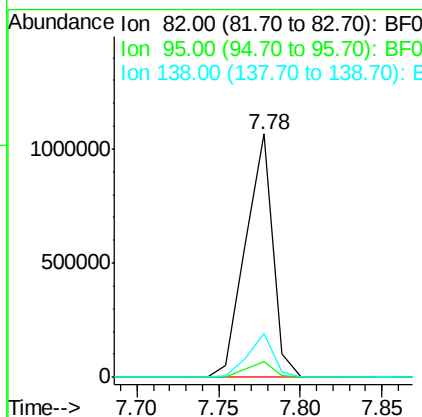
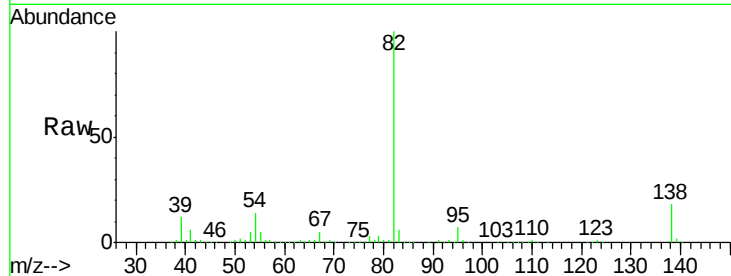
ClientSampleId :

PB93839BS

Tot Ion:	82	Resp:	1234021
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	17.8	13.0	19.4

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#26

2-Nitrophenol

Concen: 39.70 ng

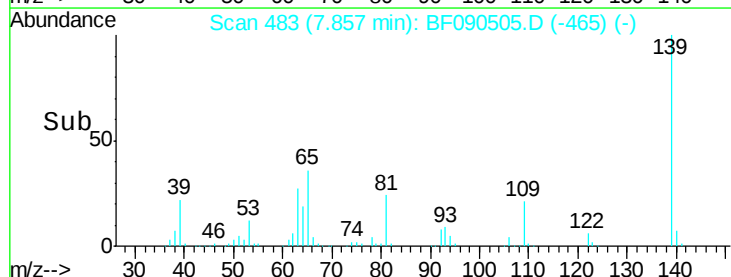
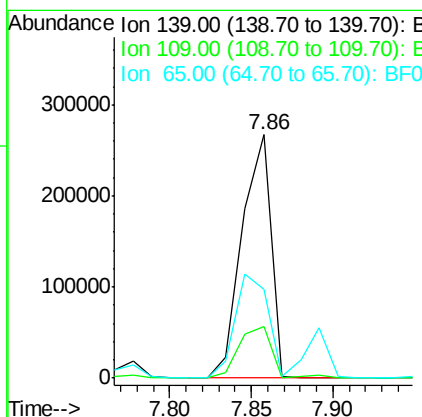
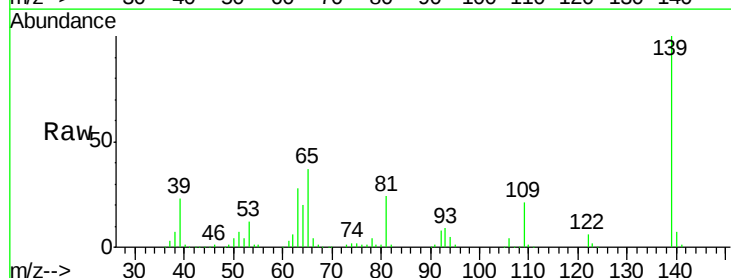
RT: 7.86 min Scan# 483

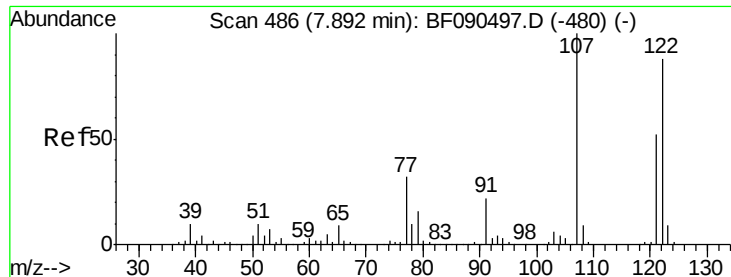
Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion:	139	Resp:	327977
Ion	Ratio	Lower	Upper
139	100		
109	21.4	18.9	28.3
65	36.7	31.6	47.4





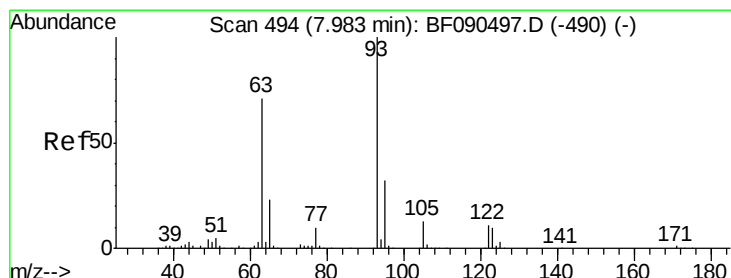
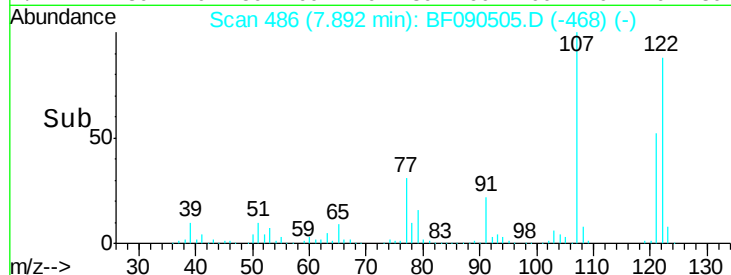
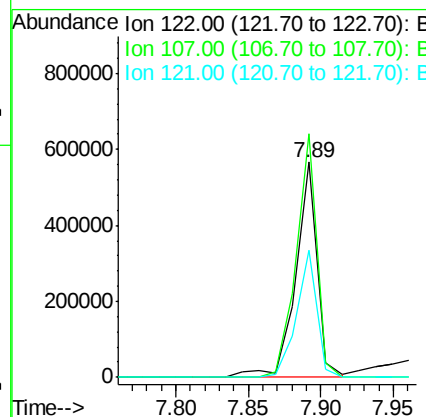
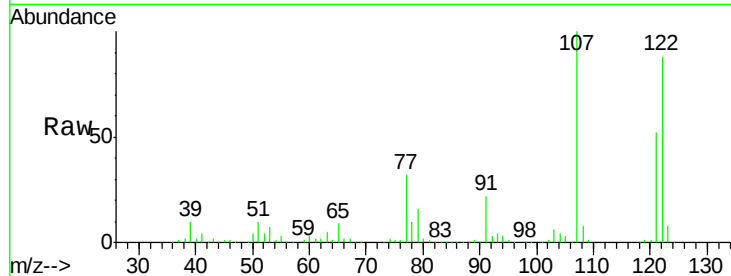
#27
 2,4-Dimethylphenol
 Concen: 41.21 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	578816		
107	113.2		88.6	132.8
121	58.9		47.5	71.3

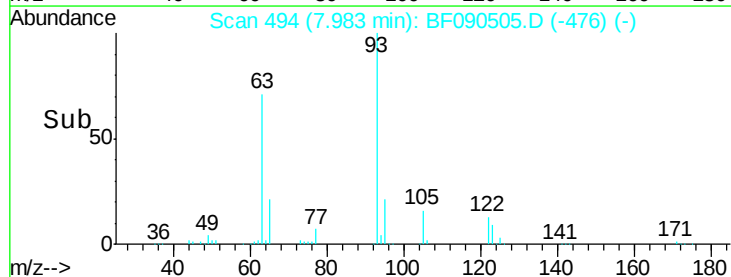
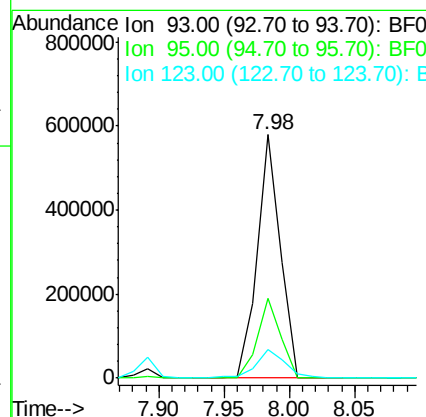
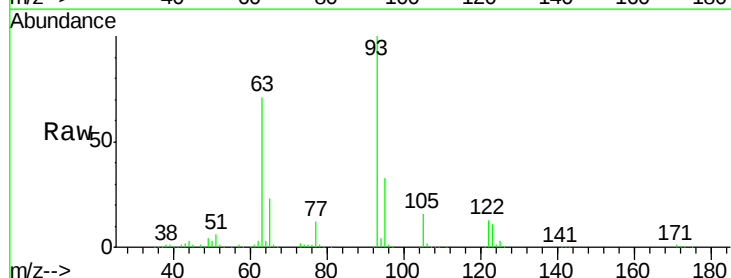
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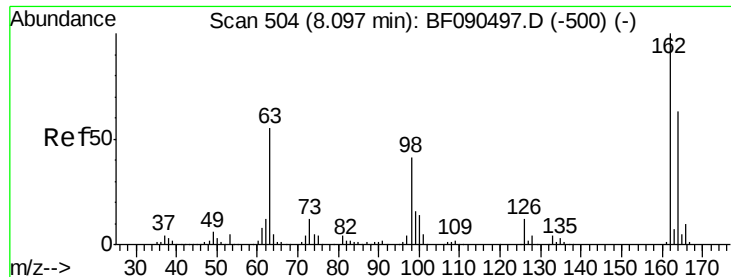
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.52 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	712064		
95	33.0		27.0	40.4
123	11.5		11.1	16.7





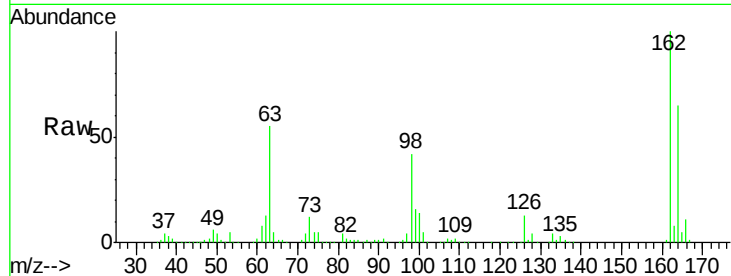
#29
 2,4-Dichlorophenol
 Concen: 41.91 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

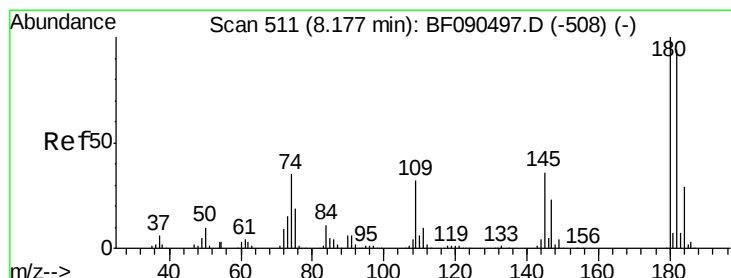
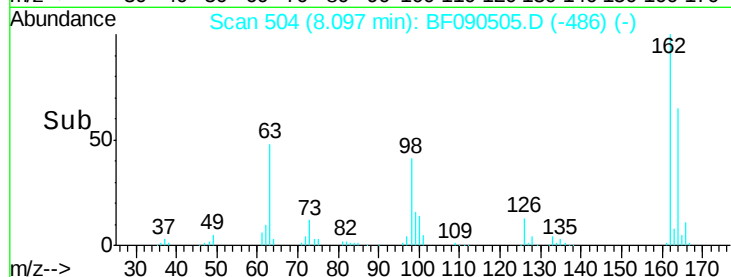
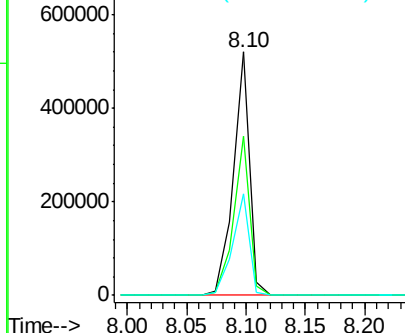
Tot Ion:	162	Resp:	492297
Ion Ratio	Lower	Upper	
162	100		
164	65.2	45.7	85.7
98	41.7	13.3	53.3

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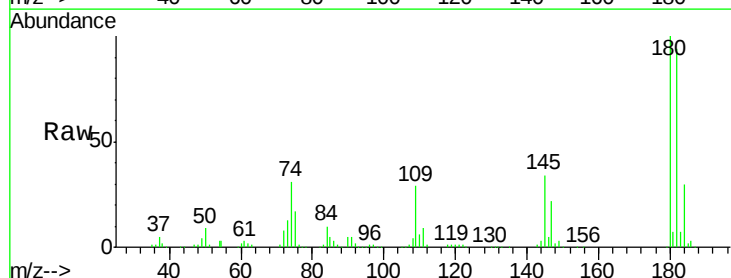


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

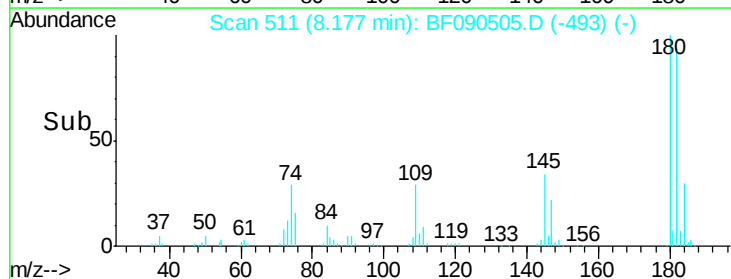
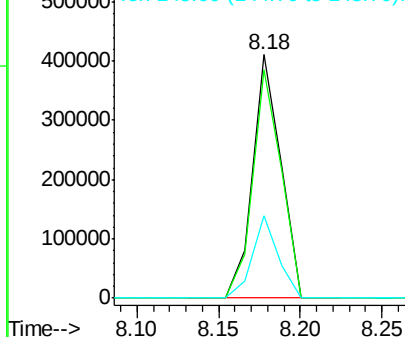


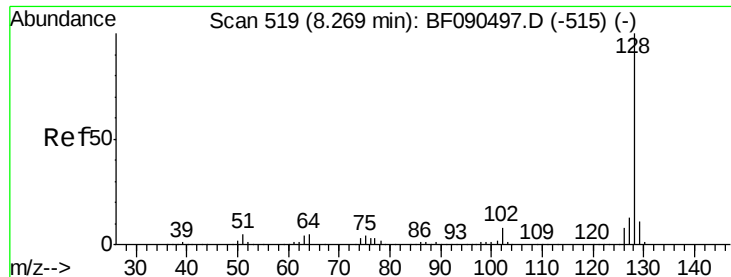
#30
 1,2,4-Trichlorobenzene
 Concen: 36.37 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:	180	Resp:	490803
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.3	112.9
145	33.6	27.7	41.5



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





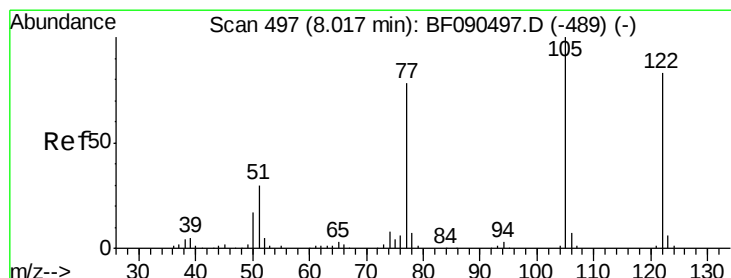
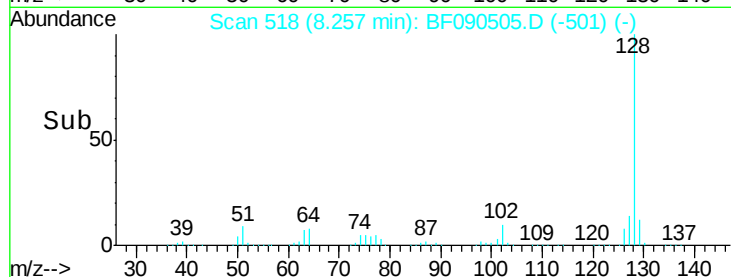
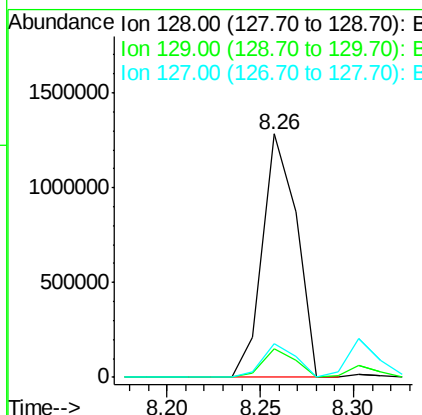
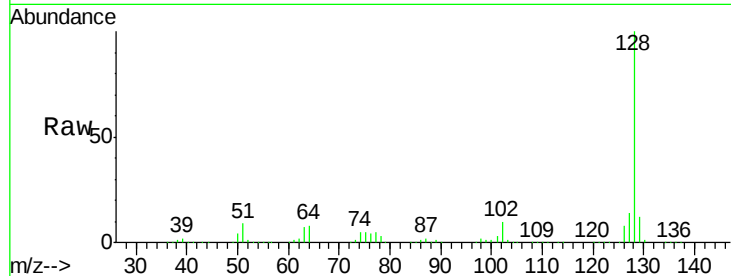
#31
Naphthalene
Concen: 35.66 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion:128 Resp: 1626797
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.7 11.7 17.5

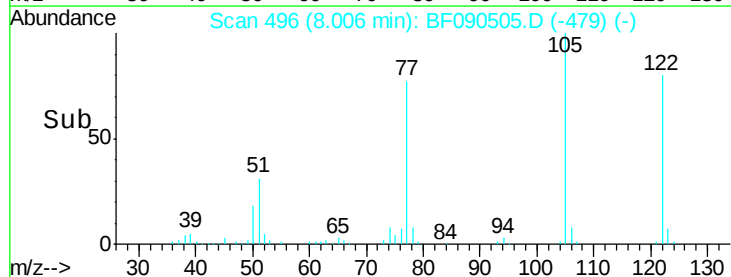
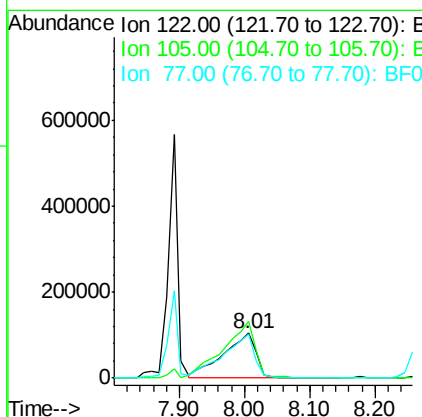
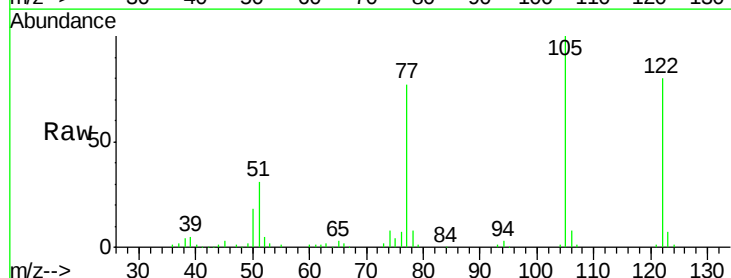
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#32
Benzoic acid
Concen: 32.03 ng
RT: 8.01 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:122 Resp: 354981
Ion Ratio Lower Upper
122 100
105 124.8 103.9 143.9
77 96.4 74.6 114.6





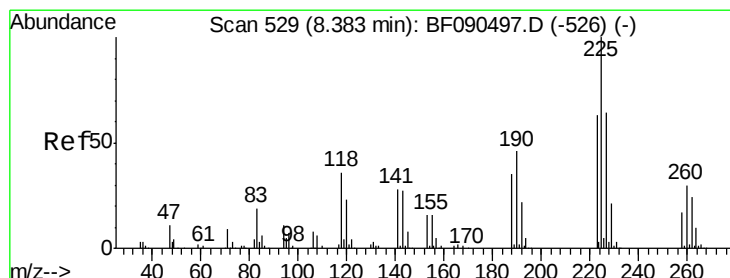
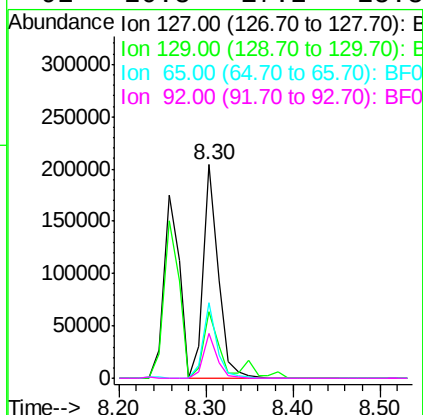
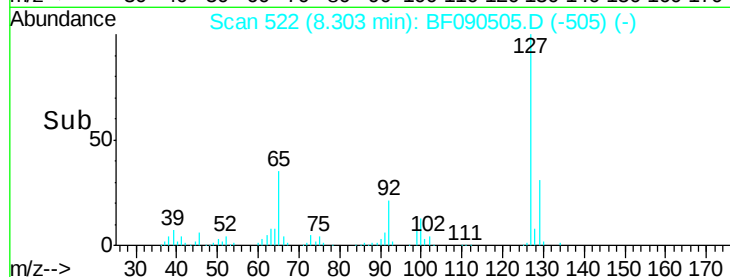
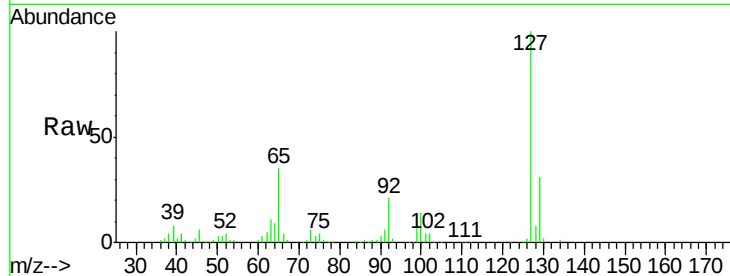
#33
4-Chloroaniline
Concen: 12.62 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.2	39.4		
65	35.3	32.5	48.7		
92	20.8	17.2	25.8		

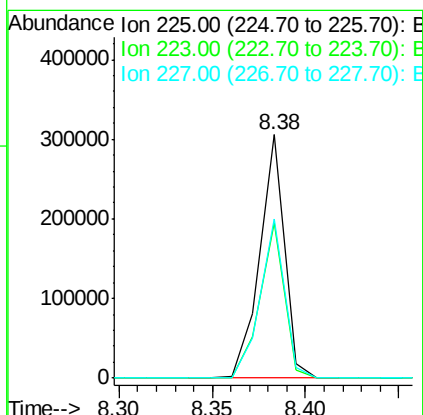
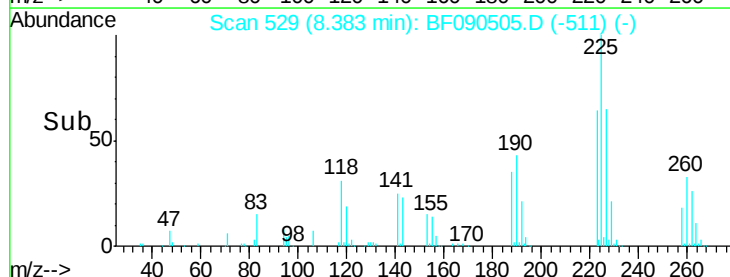
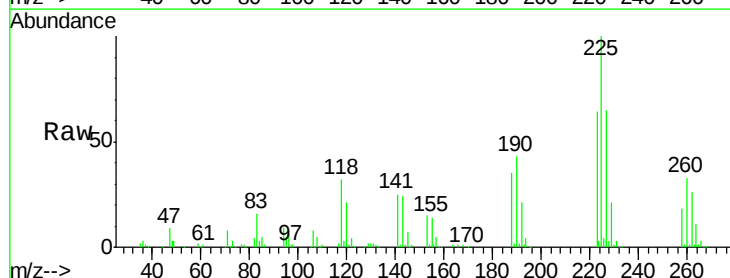
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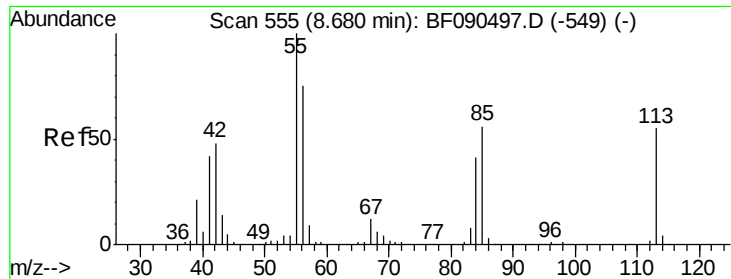
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#34
Hexachlorobutadiene
Concen: 36.98 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	51.0	76.4		
227	65.4	50.8	76.2		





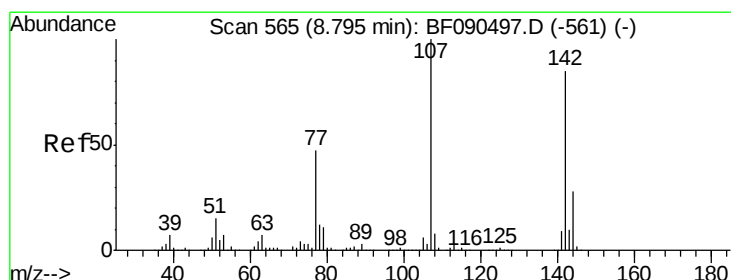
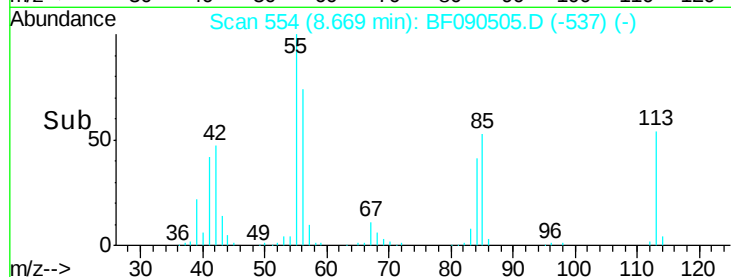
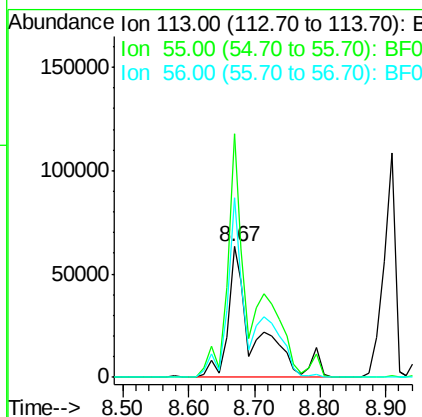
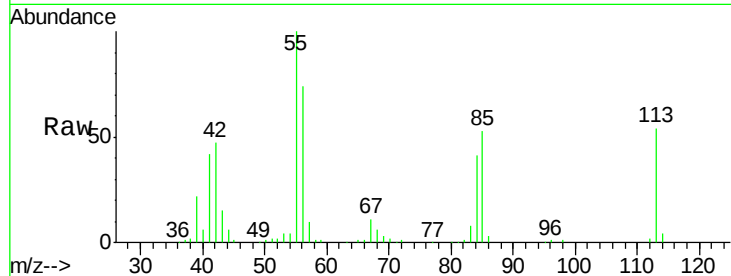
#35
 Caprolactam
 Concen: 47.83 ng/ml
 RT: 8.67 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleID :
 PB93839BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	186.2	203.3	243.3#
56	137.4	140.5	180.5#

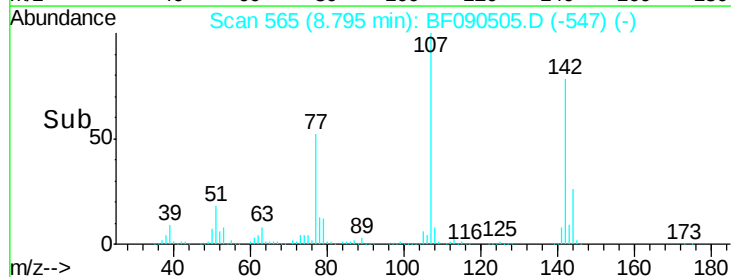
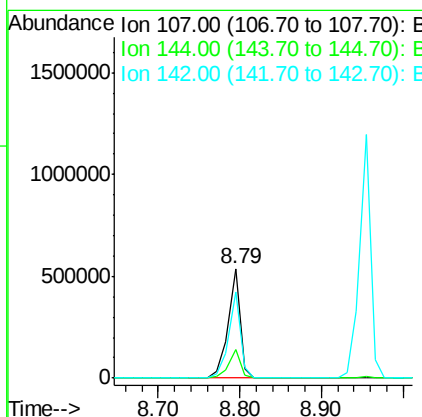
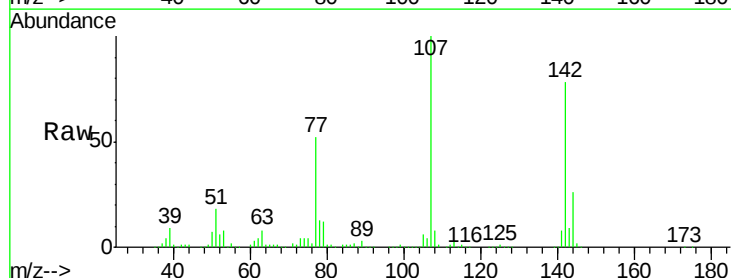
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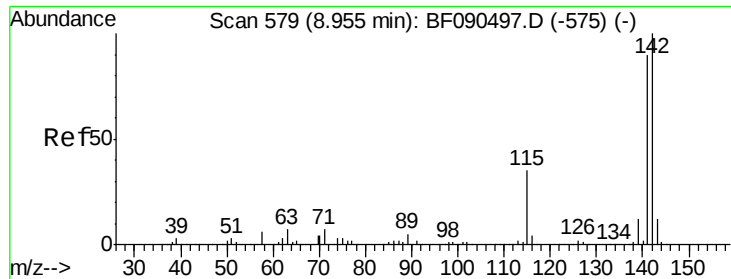
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#36
 4-Chloro-3-methylphenol
 Concen: 40.06 ng/ml
 RT: 8.79 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.8	29.8
142	78.5	60.7	91.1





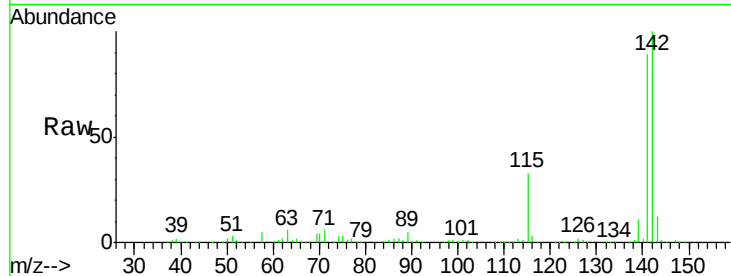
#37
2-Methylnaphthalene
Concen: 36.90 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.8	107.8
115	33.1	28.8	43.2

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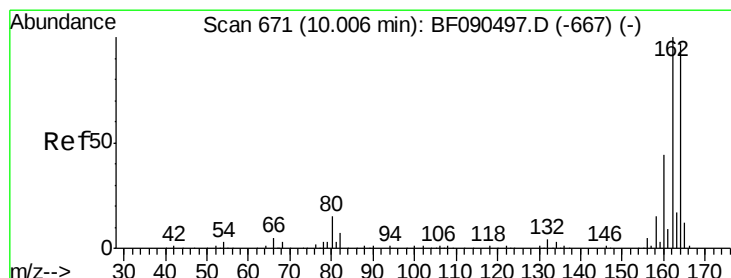
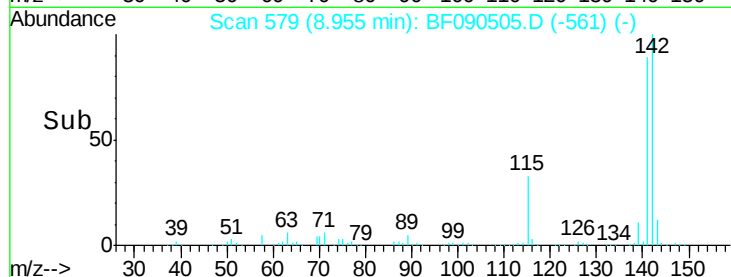
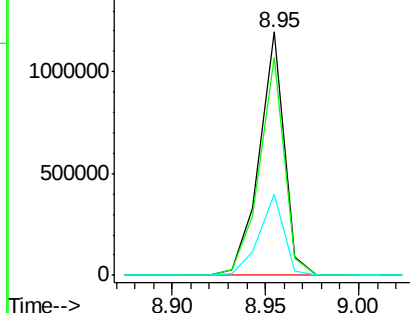


Abundance

Ion 142.00 (141.70 to 142.70): E

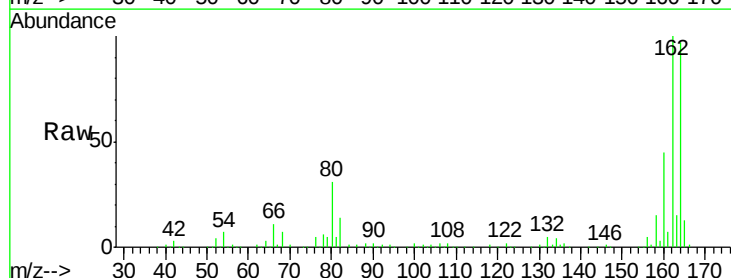
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.1	120.1
160	46.0	36.3	54.5

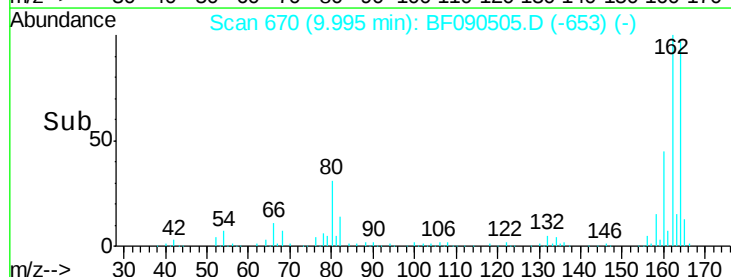
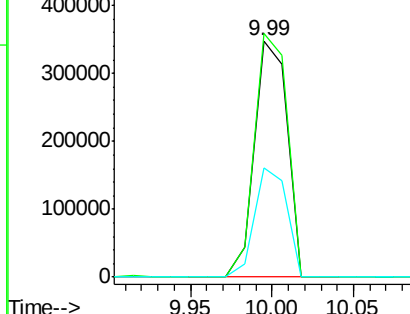


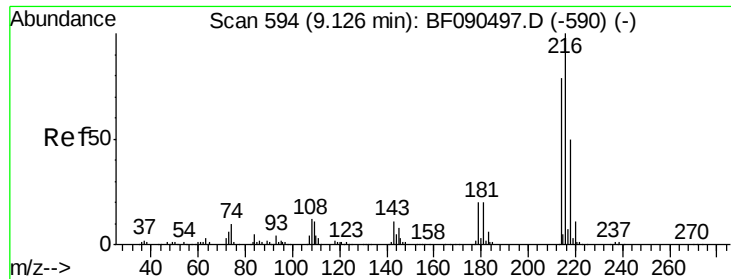
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.24 ng

RT: 9.13 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

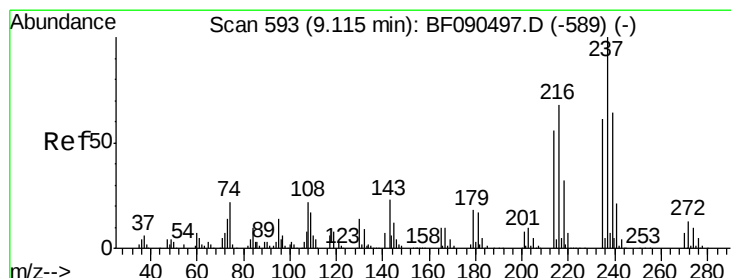
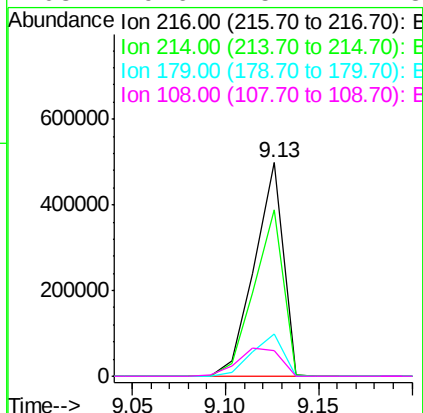
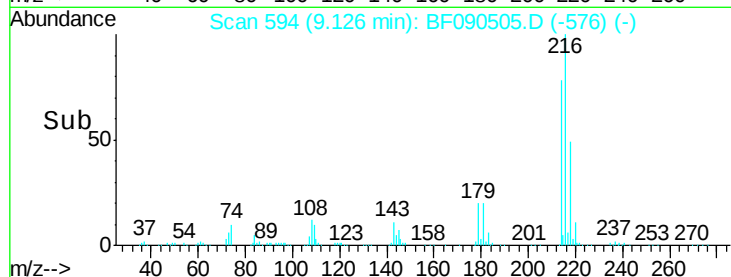
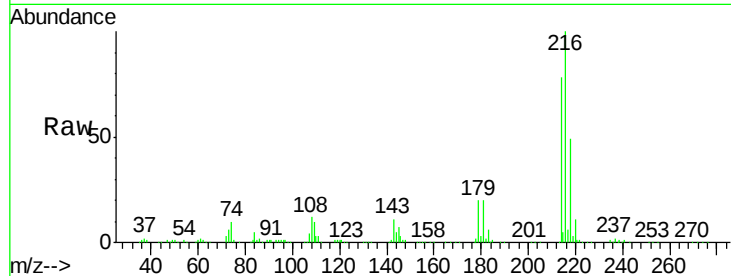
ClientSampleId :

PB93839BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	532628		
214	78.9	64.2	96.2	
179	21.5	18.0	27.0	
108	19.6	15.2	22.8	

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#40

Hexachlorocyclopentadiene

Concen: 97.98 ng

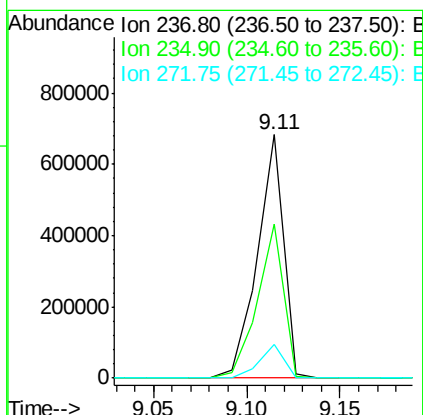
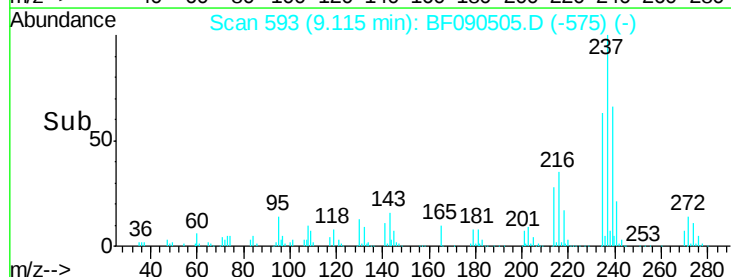
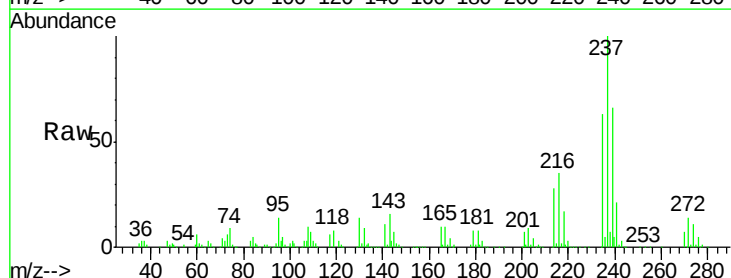
RT: 9.11 min Scan# 593

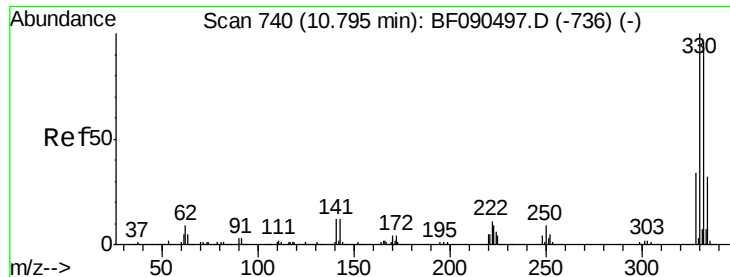
Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	660129		
235	63.3	43.6	83.6	
272	14.0	0.0	32.7	





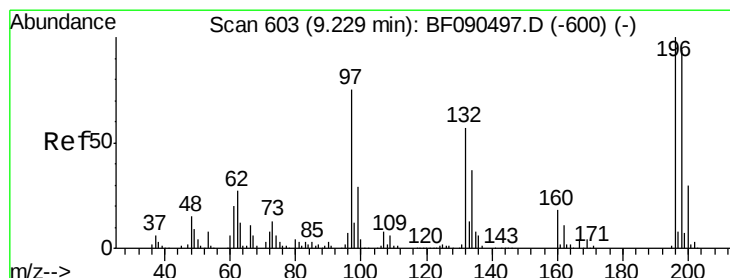
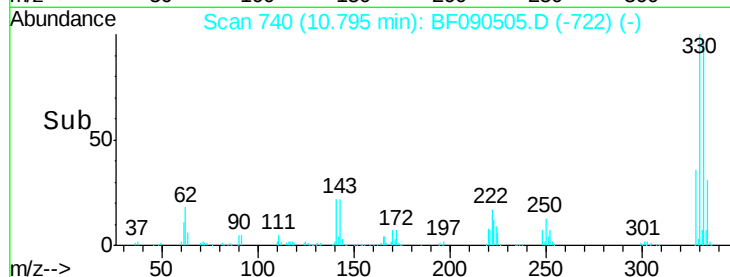
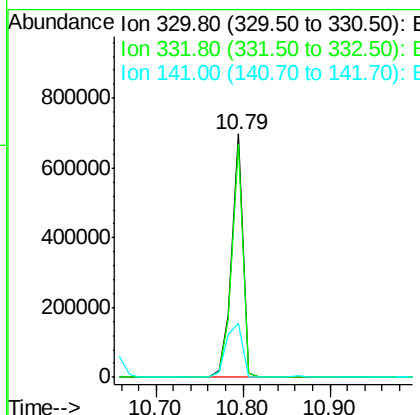
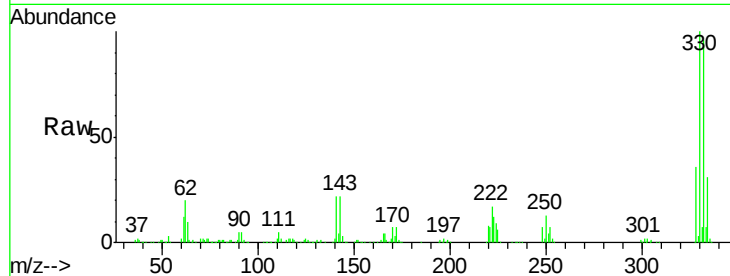
#41
 2,4,6-Tribromophenol
 Concen: 130.10 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	625245		
332	95.7	75.4	113.0	
141	32.7	26.9	40.3	

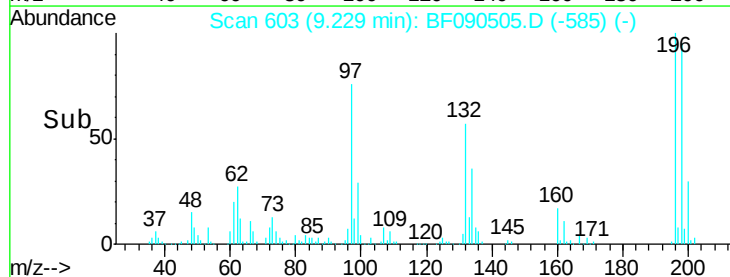
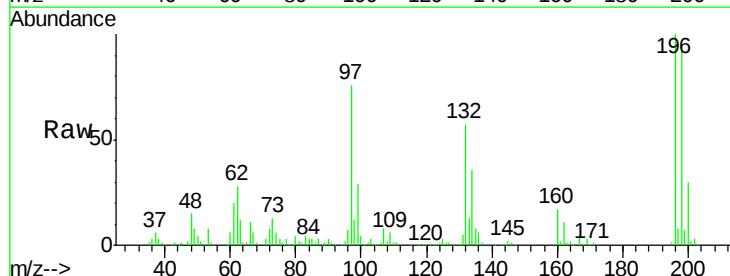
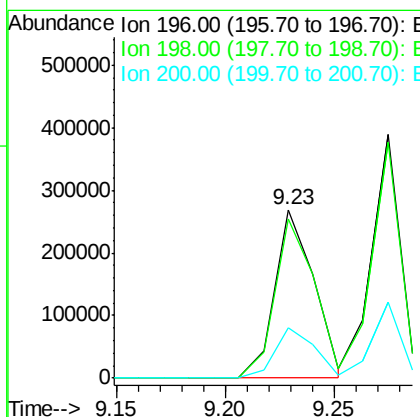
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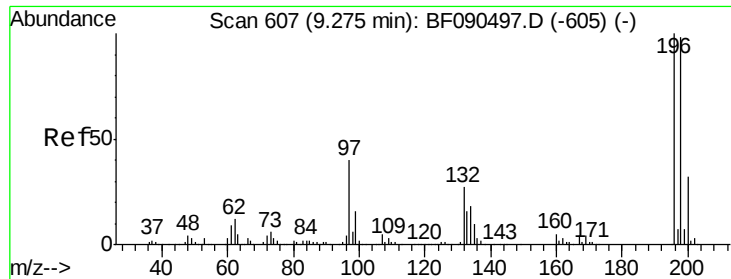
sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 37.14 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	339906		
198	94.6	78.9	118.3	
200	30.2	25.4	38.2	





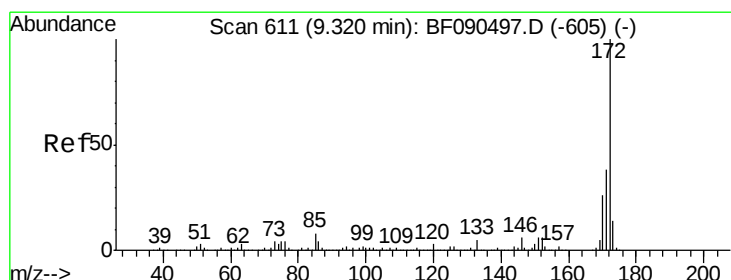
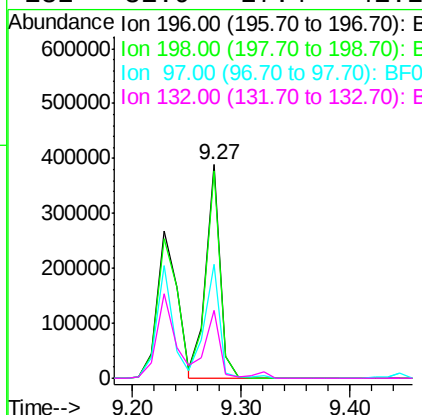
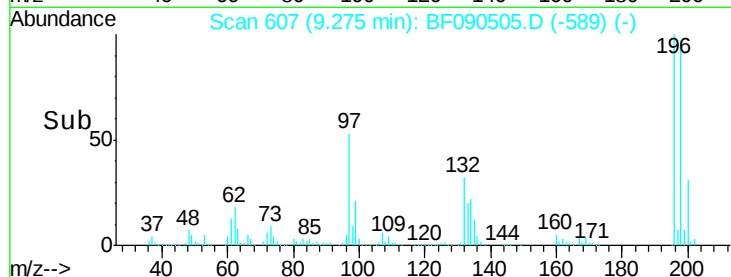
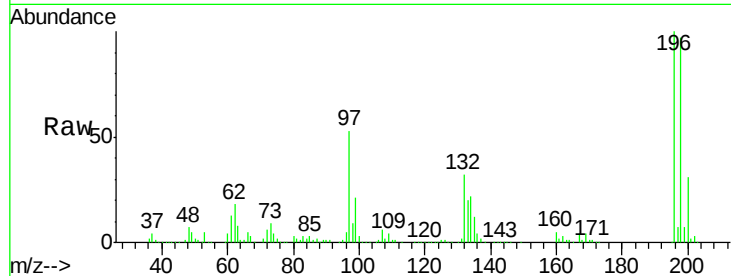
#43
 2,4,5-Trichlorophenol
 Concen: 39.80 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleID :
 PB93839BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		360445		
198	97.2	78.1	117.1		
97	53.1	48.1	72.1		
132	31.9	27.4	41.2		

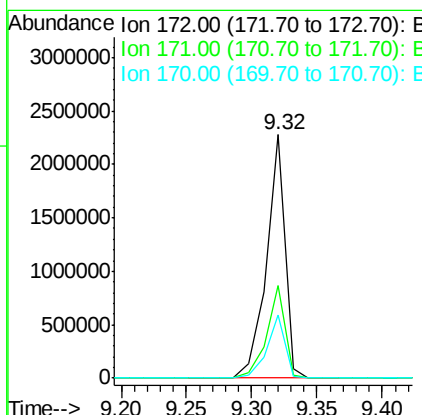
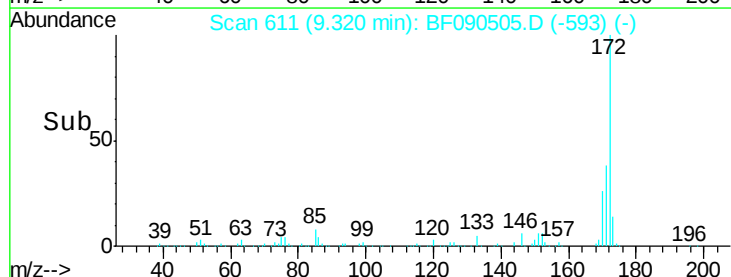
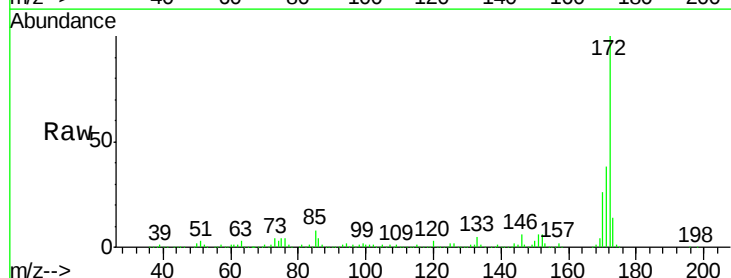
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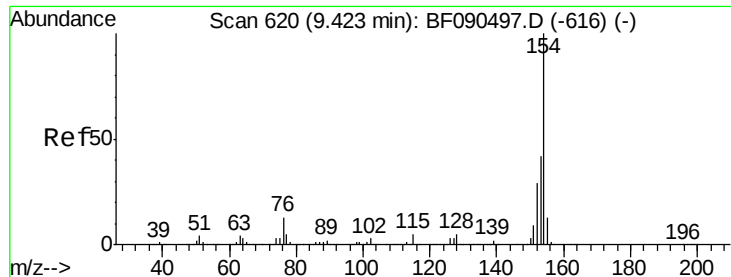
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#44
 2-Fluorobiphenyl
 Concen: 78.70 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2270396		
171	37.9	31.8	47.8		
170	25.7	21.7	32.5		





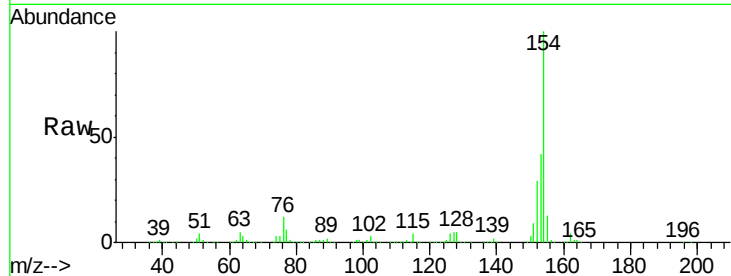
#45
1,1'-Biphenyl
Concen: 38.27 ng
RT: 9.42 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

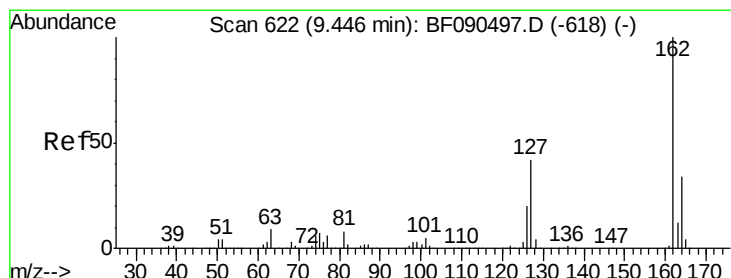
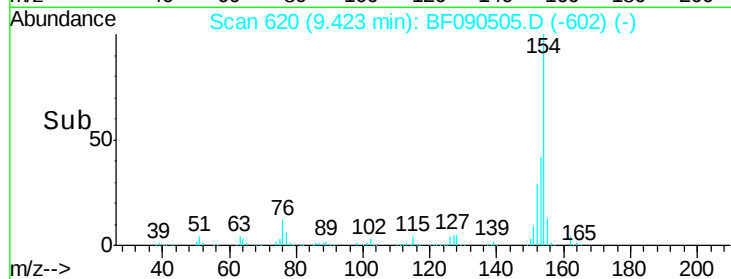
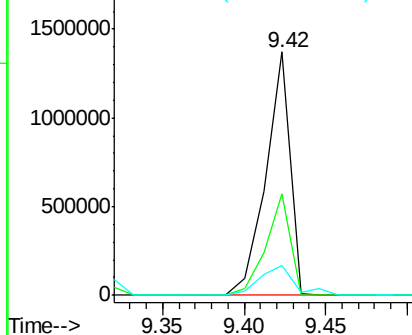
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.8	63.8
76	12.3	0.0	35.8

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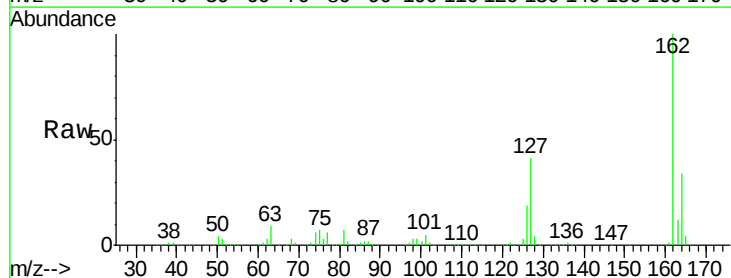


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

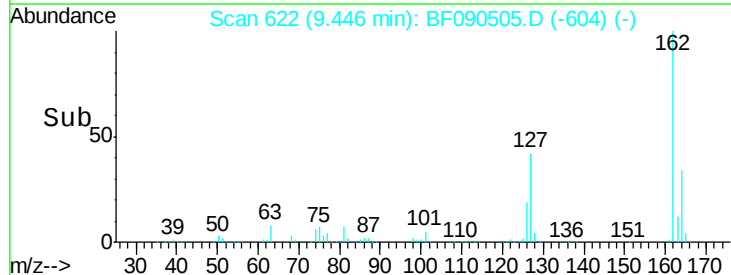
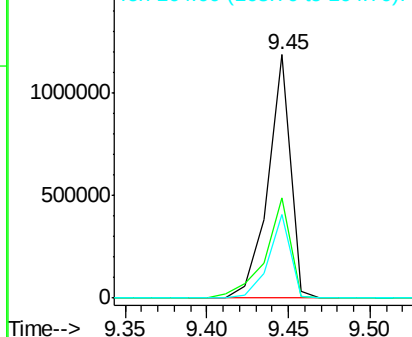


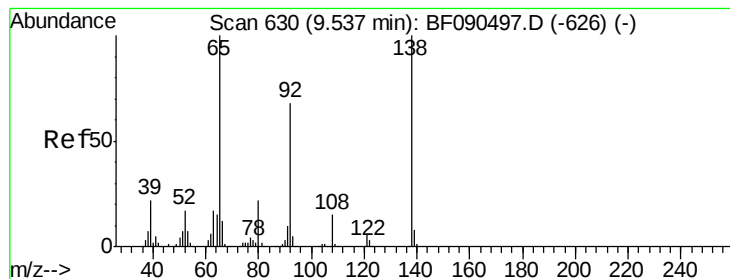
#46
2-Chloronaphthalene
Concen: 41.18 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	35.6	53.4
164	34.2	27.5	41.3



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





#47

2-Nitroaniline

Concen: 39.41 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

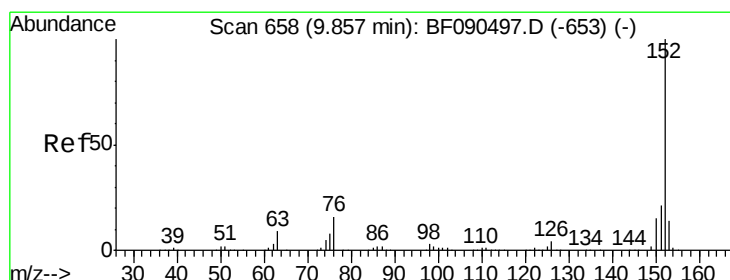
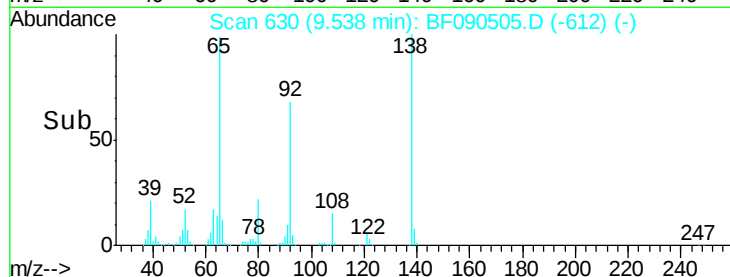
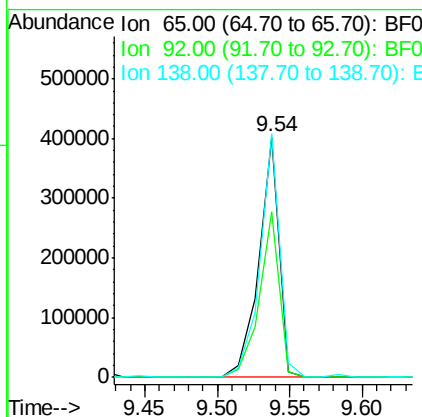
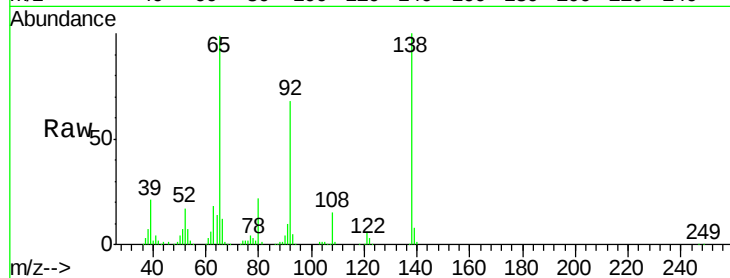
PB93839BS

Tot Ion: 65 Resp: 387318

Ion	Ratio	Lower	Upper
65	100		
92	68.8	51.7	77.5
138	101.5	79.0	118.4

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#48

Acenaphthylene

Concen: 35.96 ng

RT: 9.86 min Scan# 658

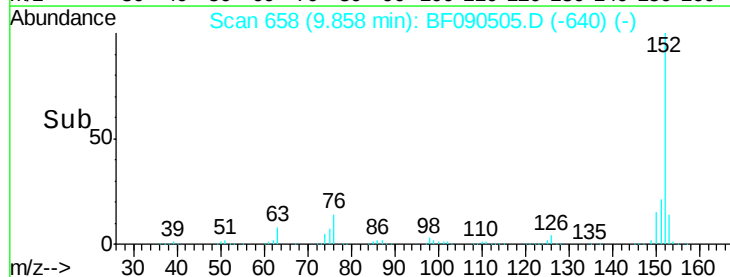
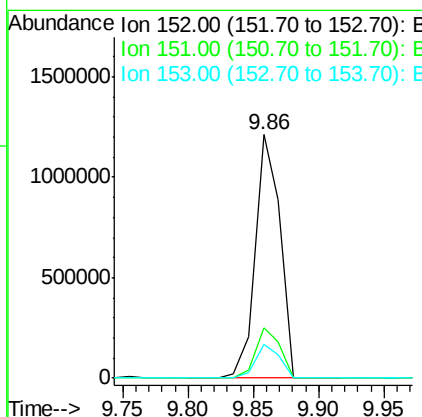
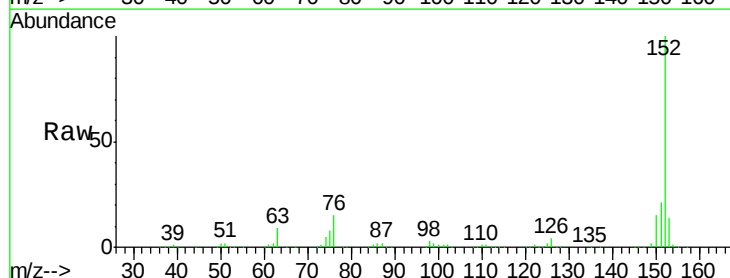
Delta R.T. 0.00 min

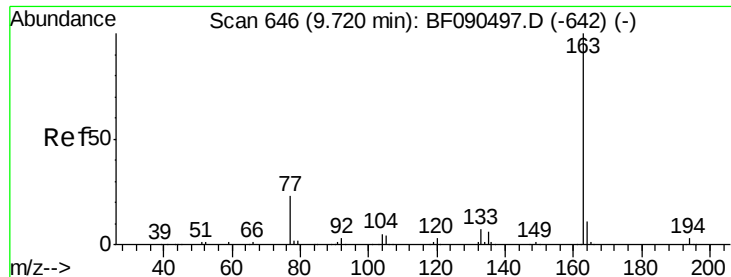
Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion: 152 Resp: 1598558

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.4	26.0
153	13.9	11.6	17.4





#49

Dimethylphthalate

Concen: 37.37 ng

RT: 9.72 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleID :

PB93839BS

Tot Ion:163 Resp: 1218468

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

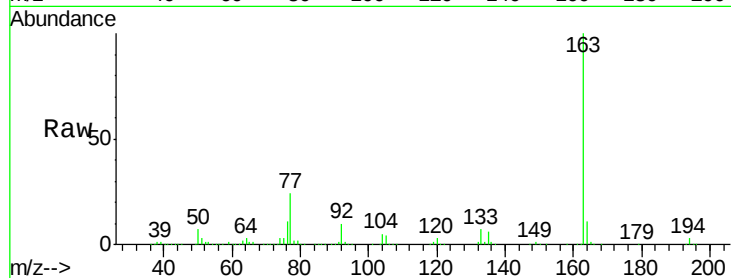
164 10.7 9.0 13.4

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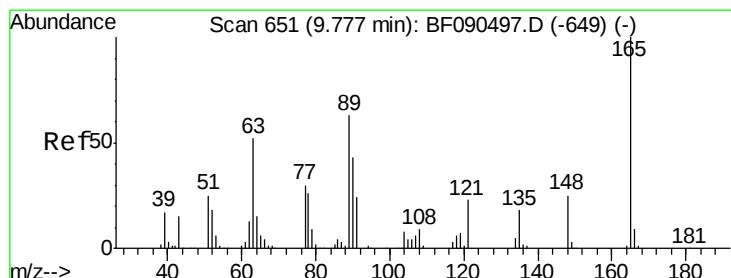
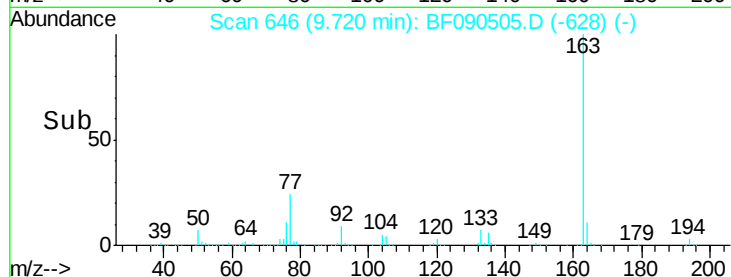
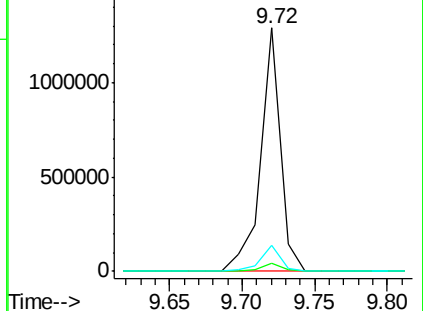
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.96 ng

RT: 9.78 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

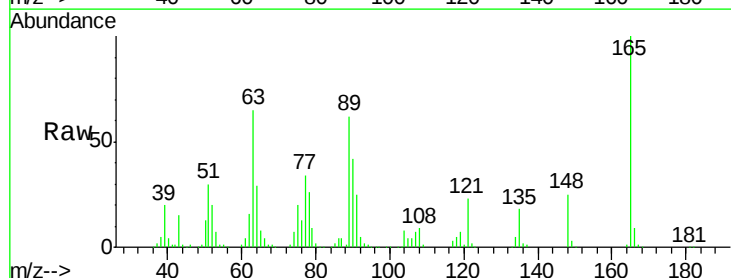
Tgt Ion:165 Resp: 266110

Ion Ratio Lower Upper

165 100

63 64.8 58.0 87.0

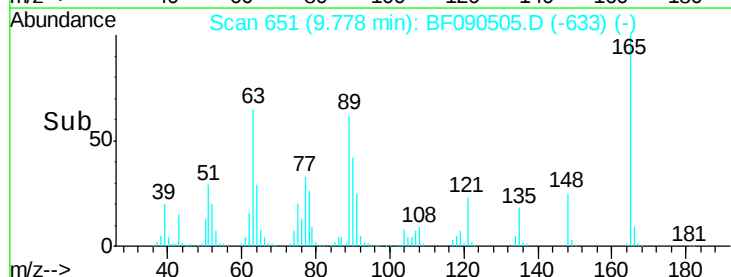
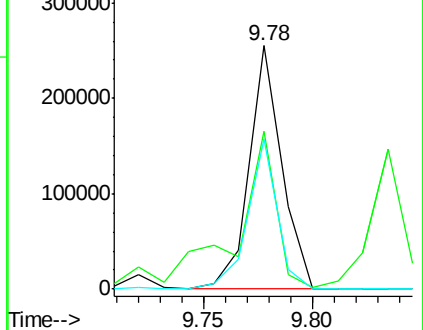
89 61.8 51.2 76.8

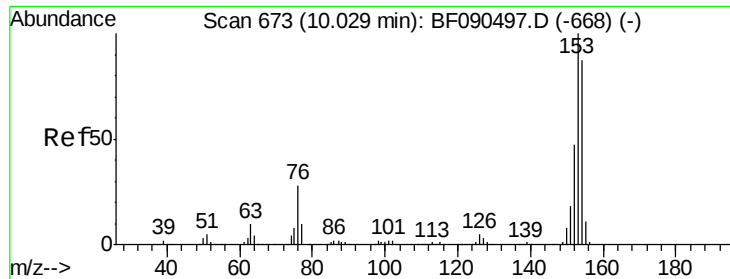


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.46 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

Tot Ion:154 Resp: 1145866

Ion Ratio Lower Upper

154 100

153 114.7 88.6 133.0

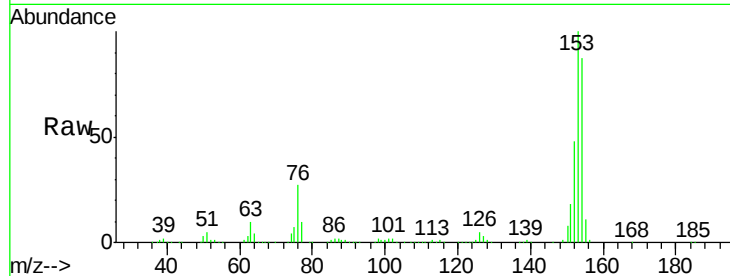
152 54.5 42.6 64.0

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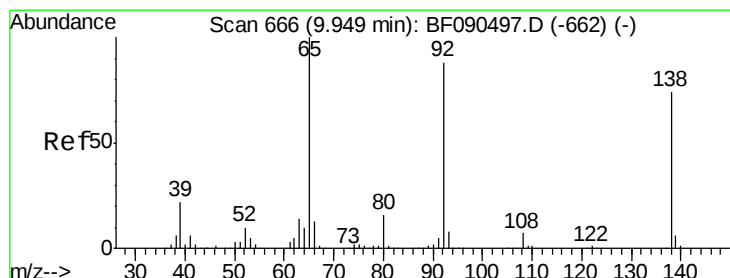
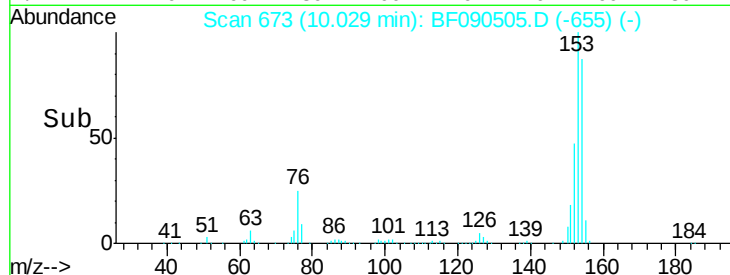
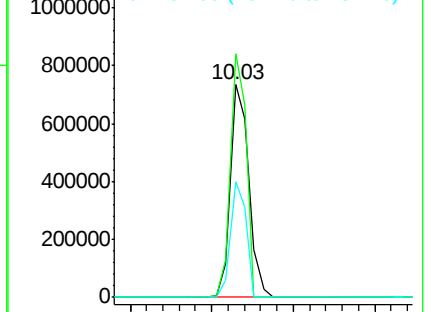
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.23 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

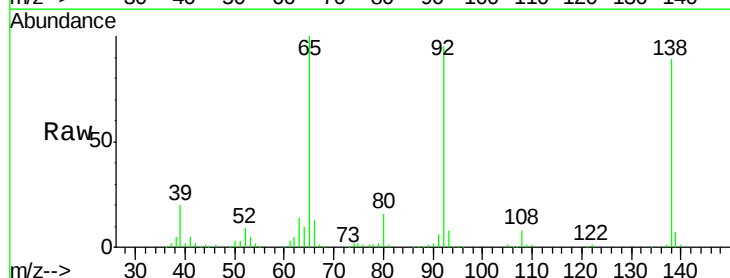
Tgt Ion:138 Resp: 180742

Ion Ratio Lower Upper

138 100

108 9.3 9.7 14.5#

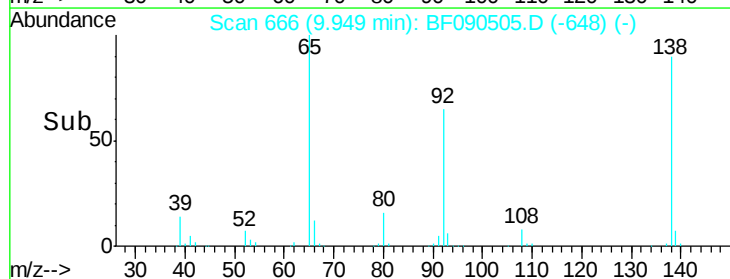
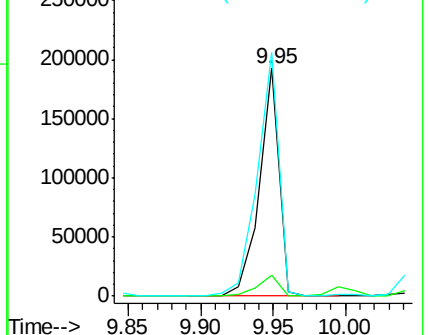
92 106.9 97.1 145.7

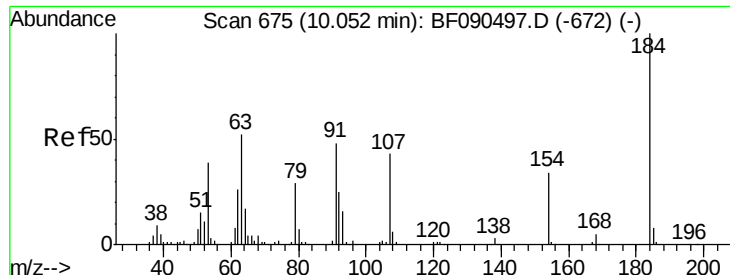


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





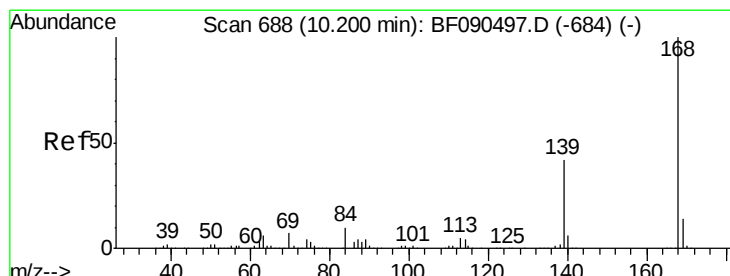
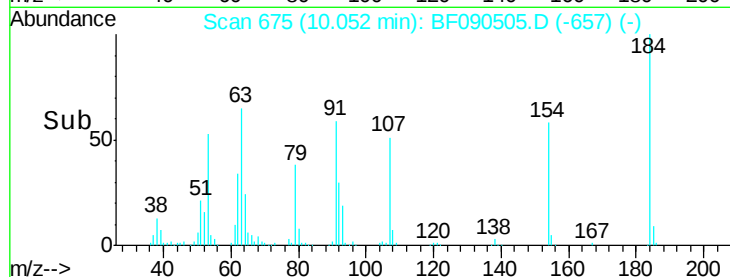
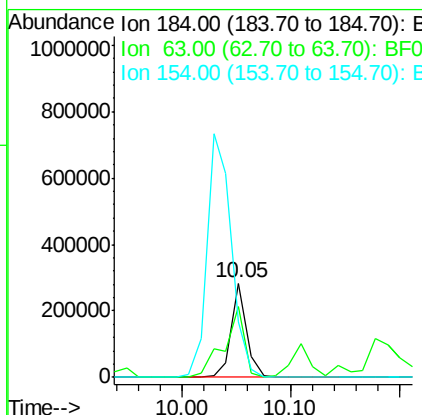
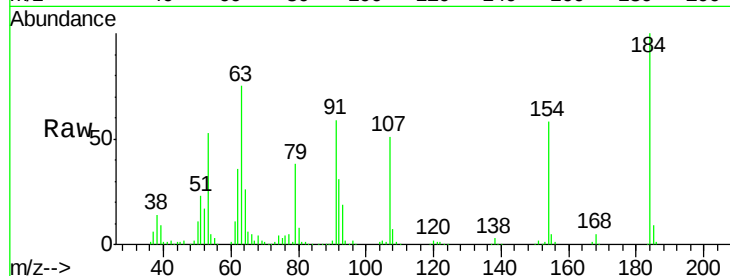
#53
2,4-Dinitrophenol
Concen: 68.78 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.0	41.9	62.9#
154	58.5	48.9	73.3

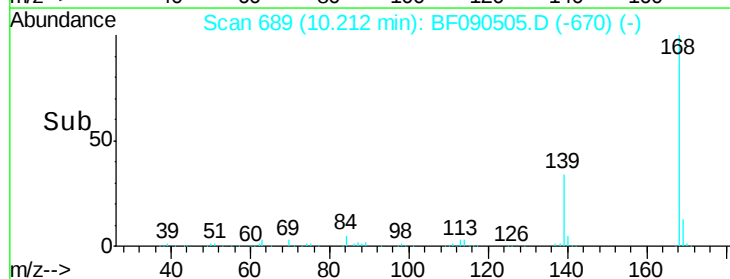
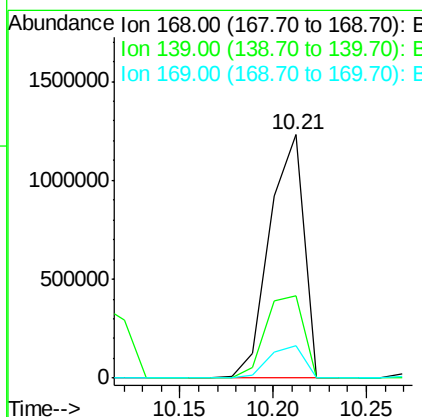
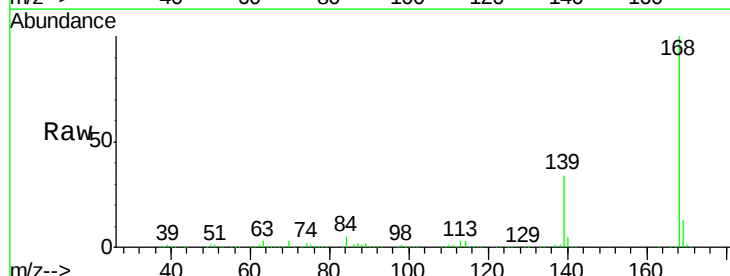
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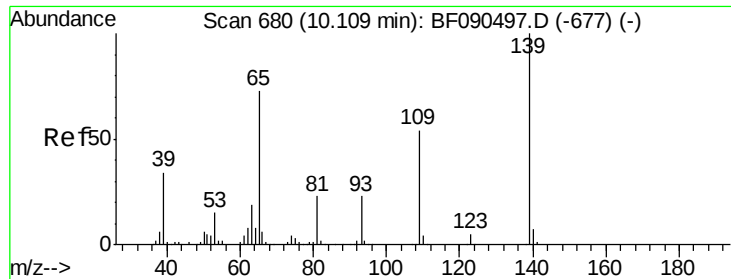
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#54
Dibenzofuran
Concen: 39.45 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.1	29.6	44.4
169	13.5	11.3	16.9





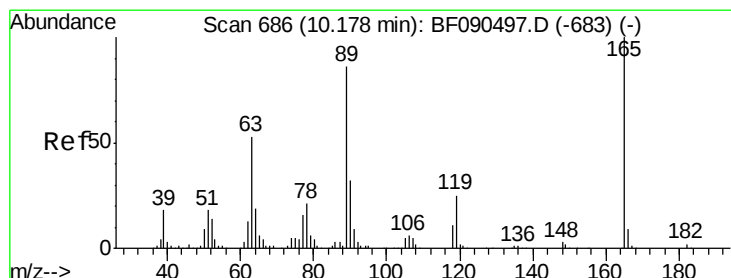
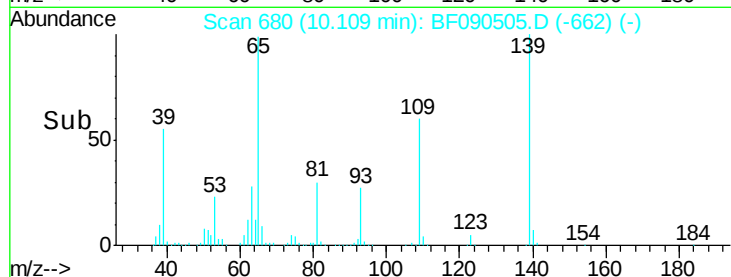
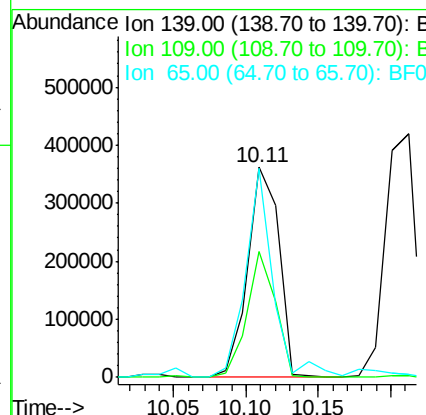
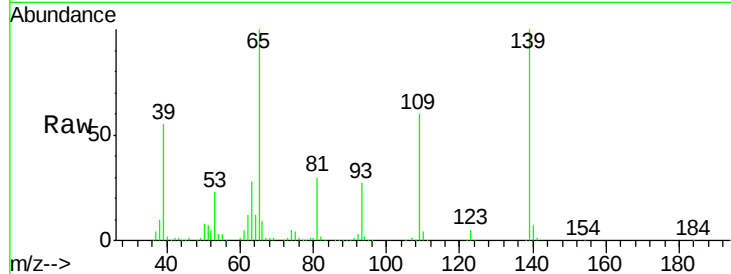
#55
4-Nitrophenol
Concen: 78.03 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampled :
PB93839BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	541673		
109	60.1	43.6	83.6	
65	99.6	87.5	127.5	

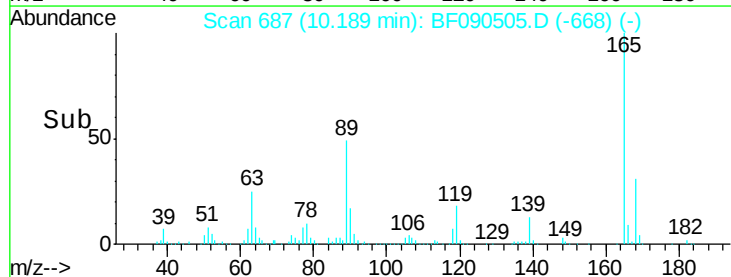
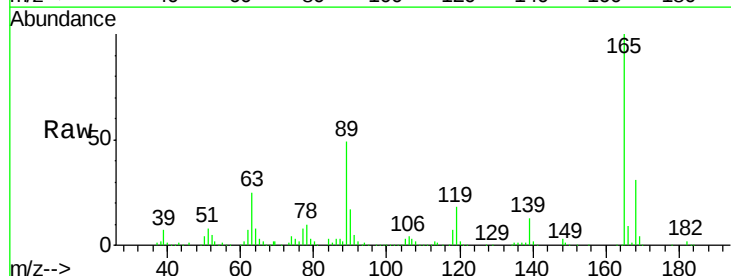
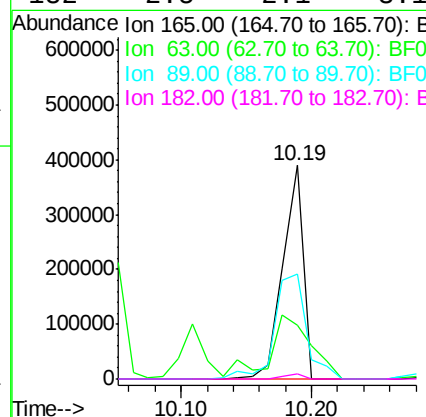
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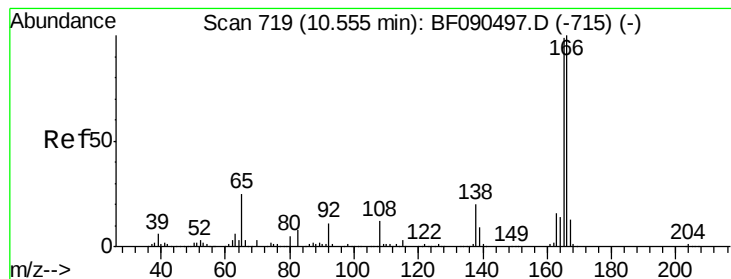
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#56
2,4-Dinitrotoluene
Concen: 45.04 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	428909		
63	25.3	17.8	26.6	
89	49.1	33.2	49.8	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 37.98 ng

RT: 10.55 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

Tot Ion:166 Resp: 1229161

Ion Ratio Lower Upper

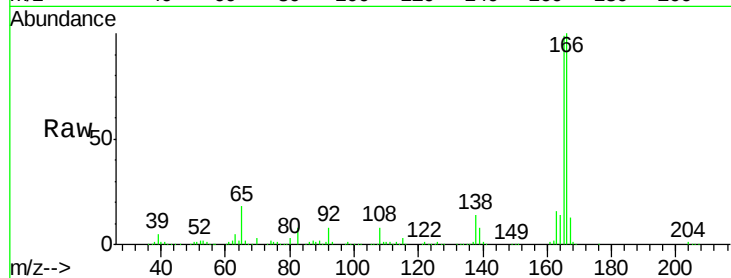
166 100

165 98.7 79.2 118.8

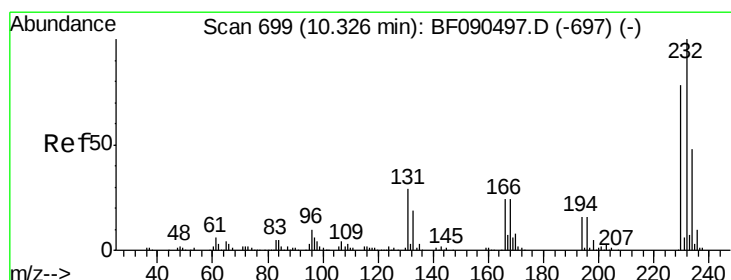
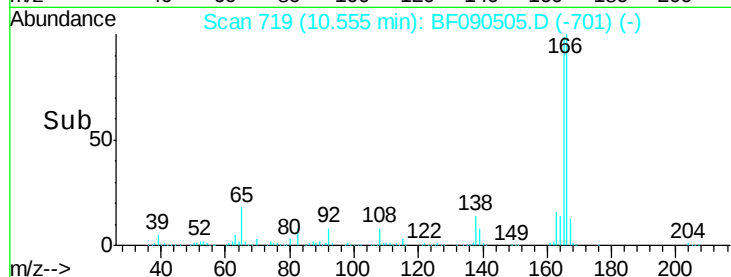
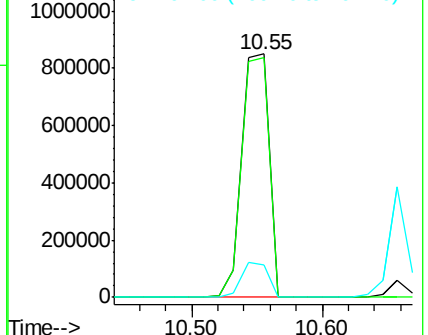
167 13.2 11.1 16.7

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.95 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion:232 Resp: 324490

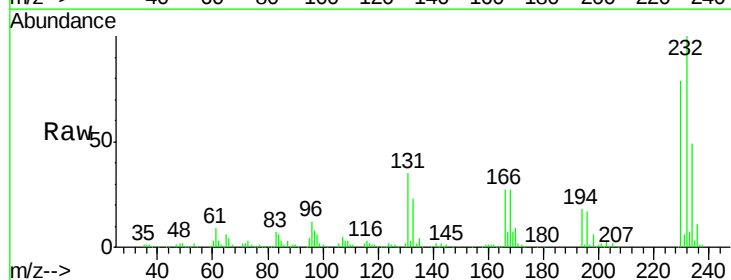
Ion Ratio Lower Upper

232 100

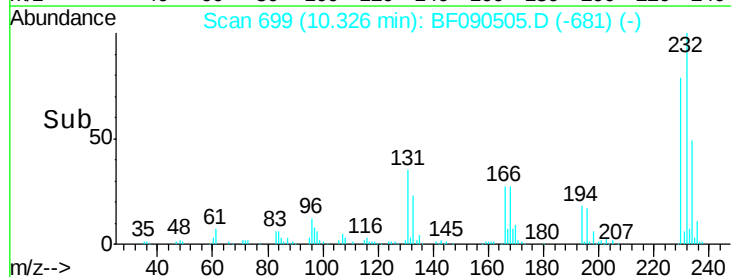
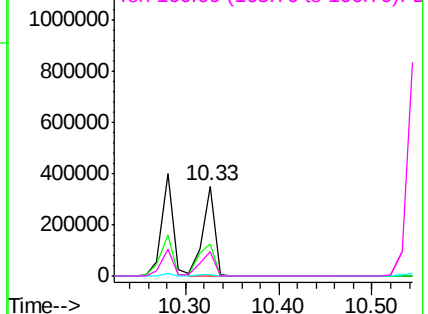
131 46.5 34.5 51.7

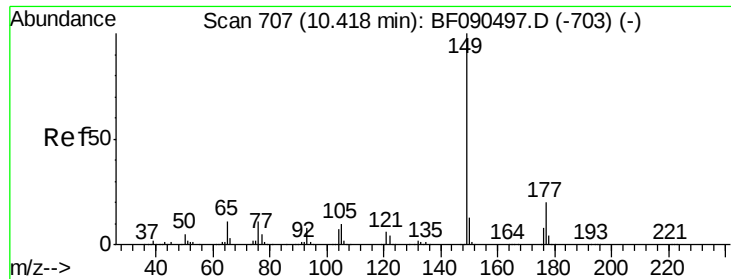
130 2.0 1.6 2.4

166 32.1 23.8 35.8



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





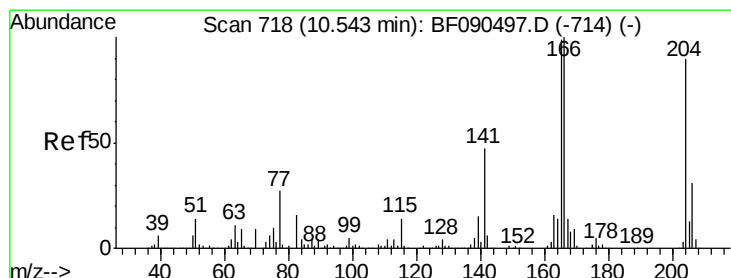
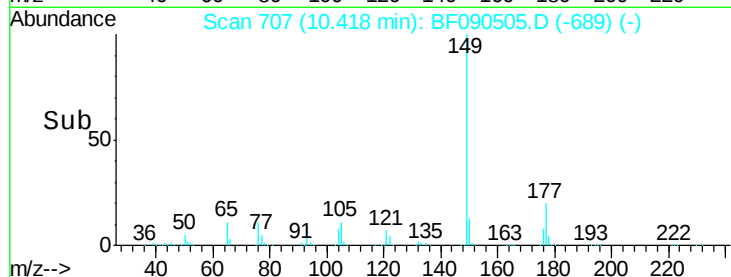
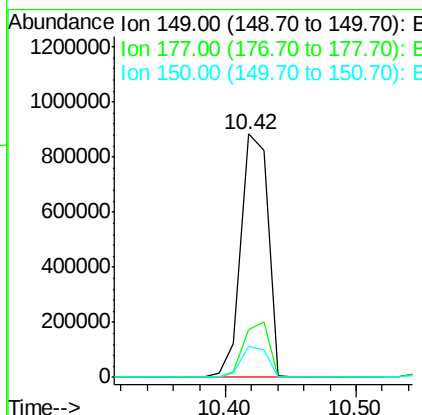
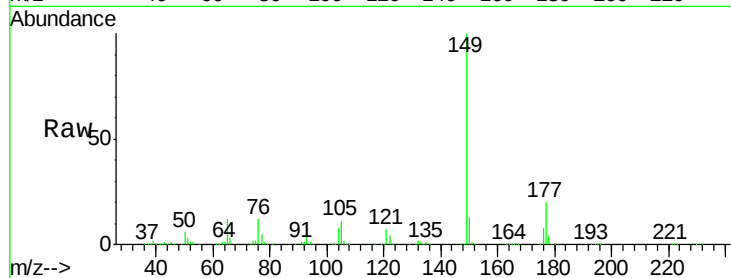
#59
Diethylphthalate
Concen: 38.25 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampled :
PB93839BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.5	21.1	31.7#
150	13.0	10.2	15.2

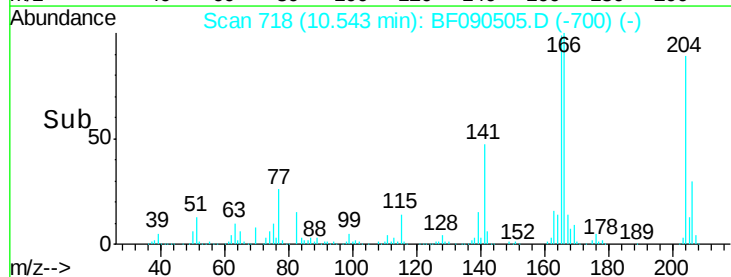
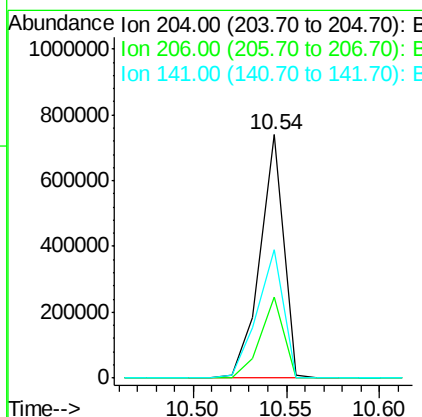
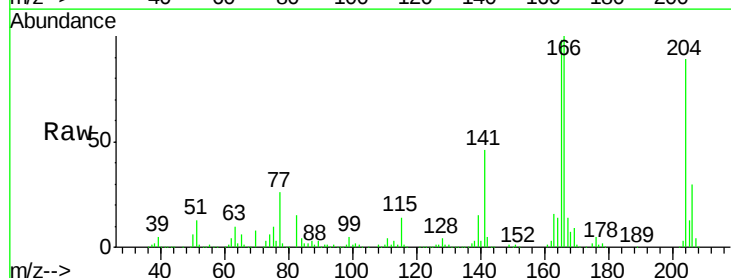
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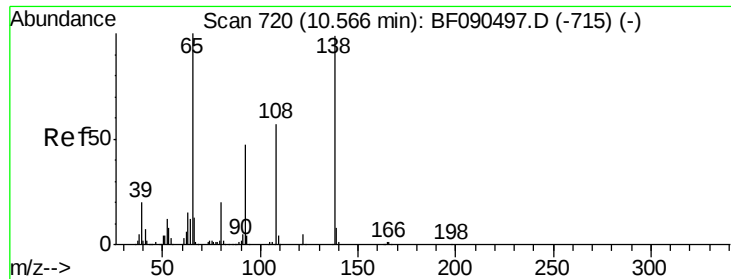
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.20 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	52.5	51.7	77.5





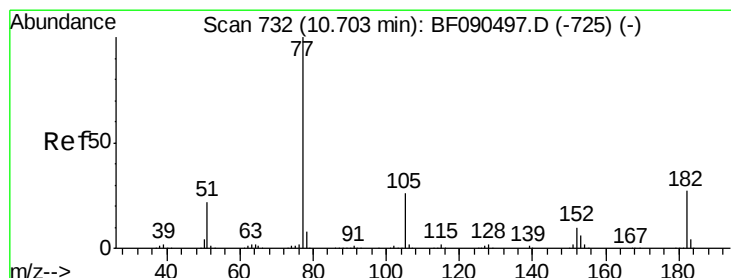
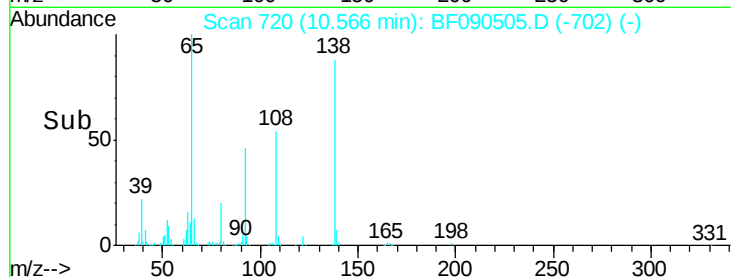
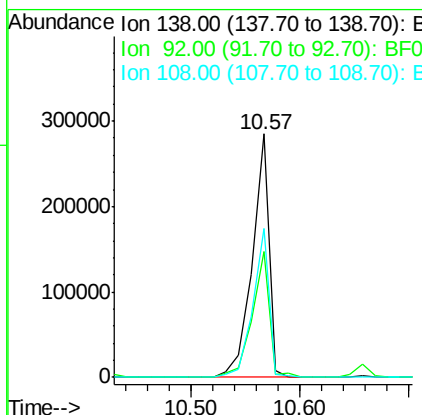
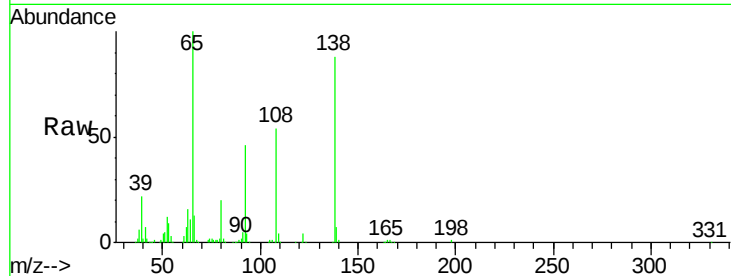
#61
4-Nitroaniline
Concen: 33.85 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	33.2	73.2
108	61.1	48.5	88.5

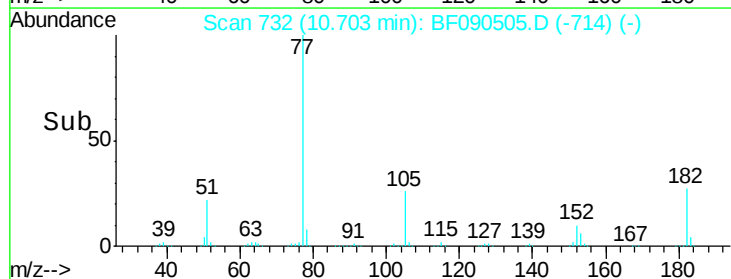
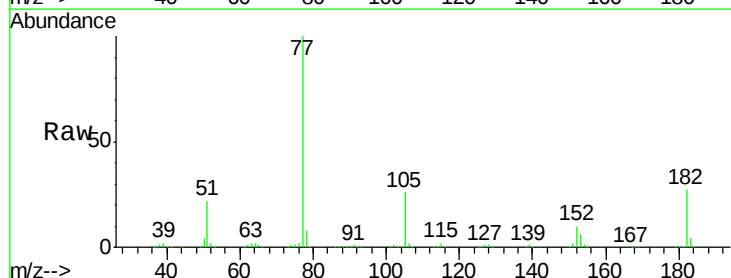
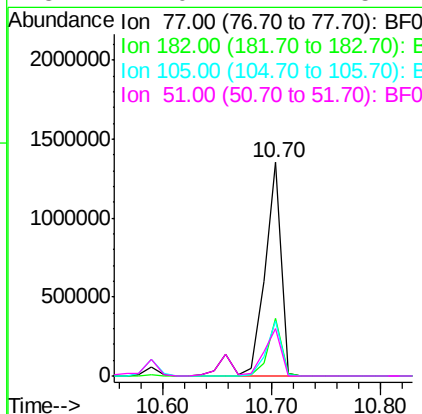
Manual Integrations
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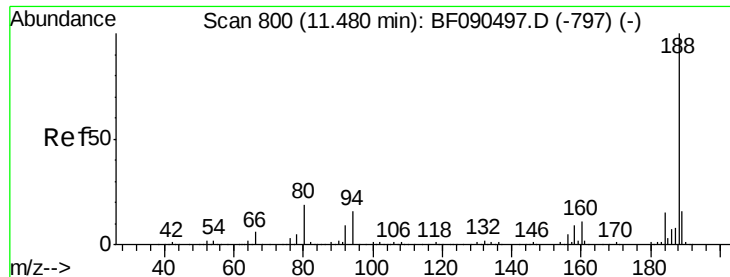
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#62
Azobenzene
Concen: 41.90 ng
RT: 10.70 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	3.2	43.2
105	26.0	2.9	42.9
51	22.0	14.2	54.2





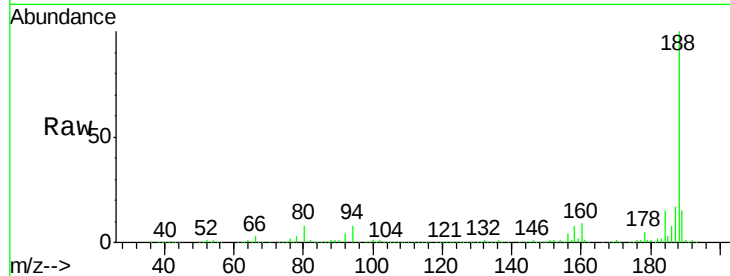
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

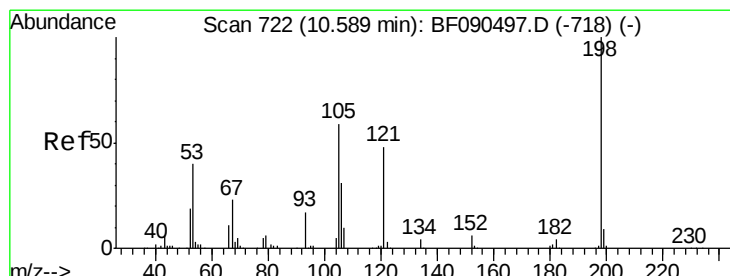
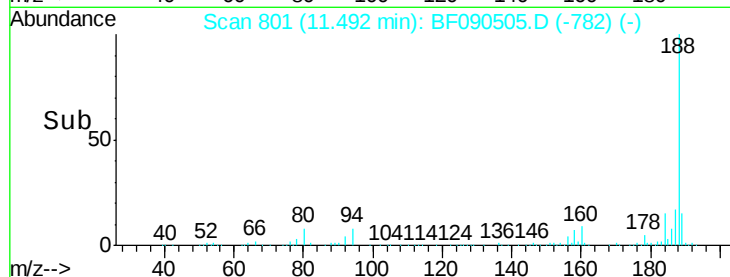
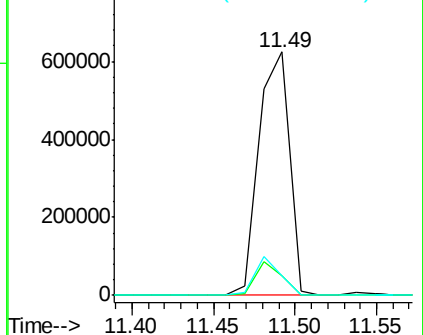
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	8.2	12.2#
80	8.2	8.8	13.2#

Manual Integrations
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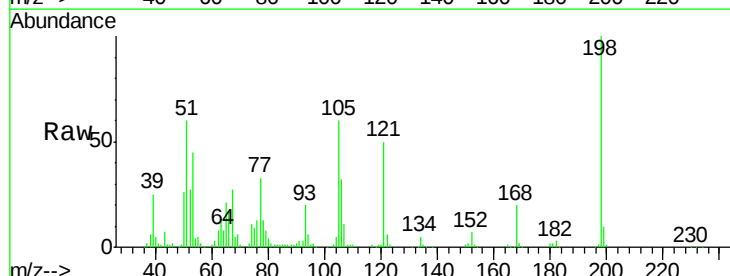


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

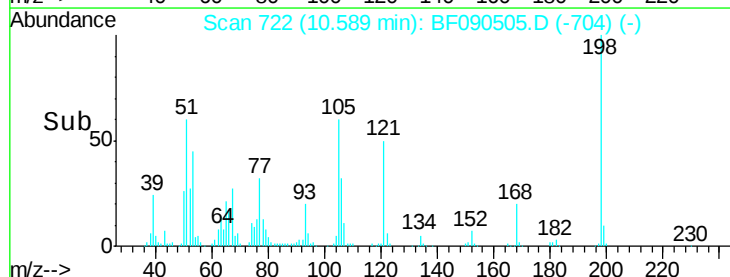
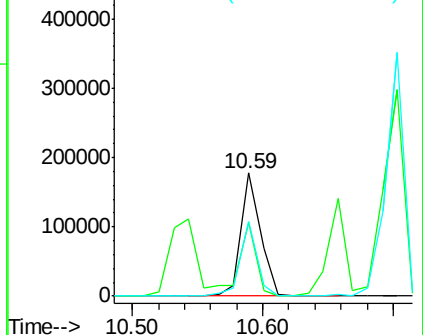


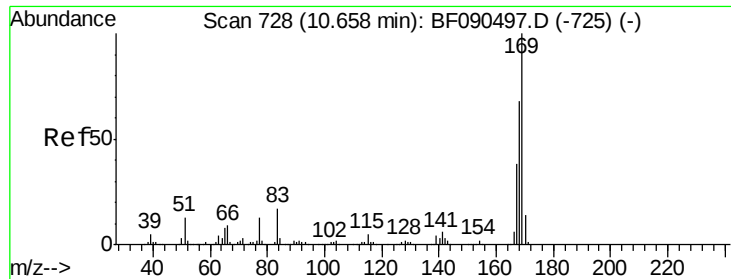
#64
4,6-Dinitro-2-methylphenol
Concen: 33.73 ng
RT: 10.59 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	60.0	67.3	107.3#
105	60.5	42.6	82.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.64 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampled :

PB93839BS

Tot Ion:169 Resp: 1000888

Ion Ratio Lower Upper

169 100

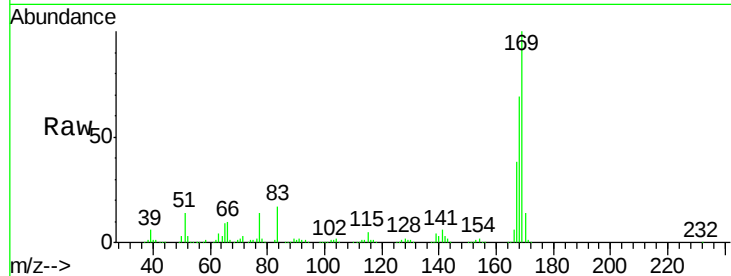
168 68.8 53.8 80.6

167 37.5 29.8 44.8

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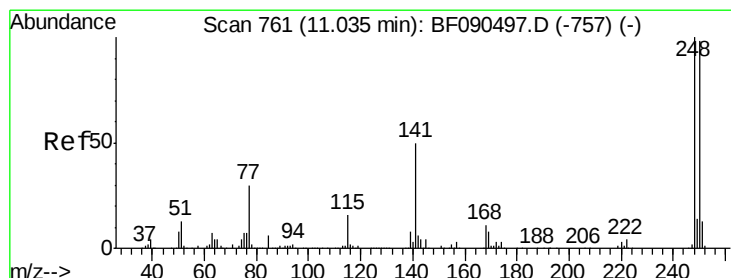
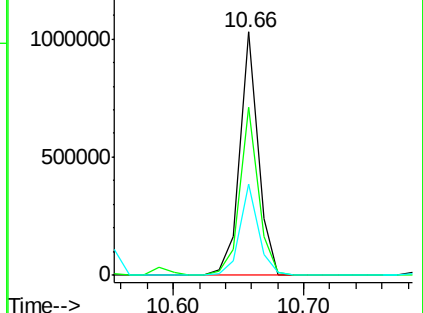
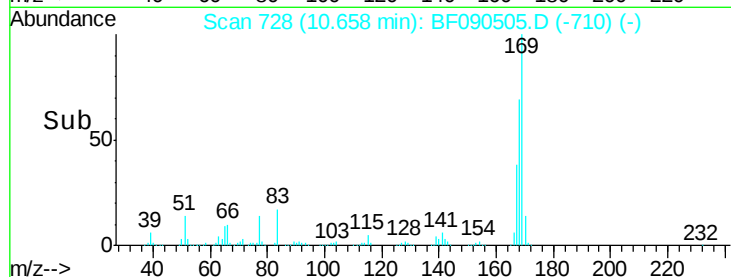
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.96 ng

RT: 11.03 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

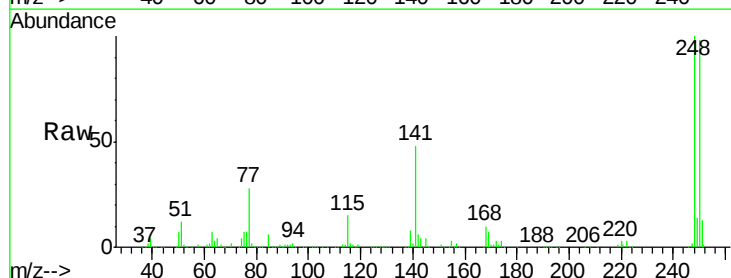
Tgt Ion:248 Resp: 380207

Ion Ratio Lower Upper

248 100

250 98.2 76.5 114.7

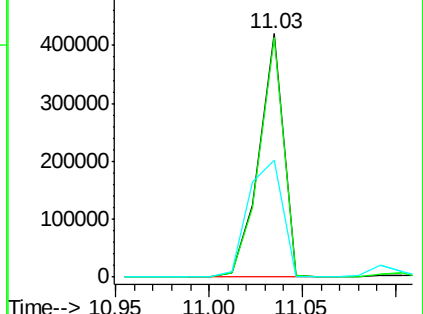
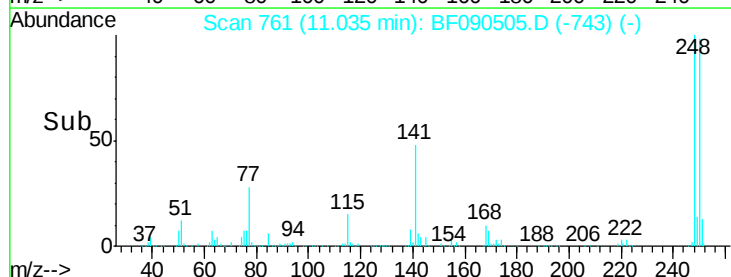
141 48.2 59.8 89.6#

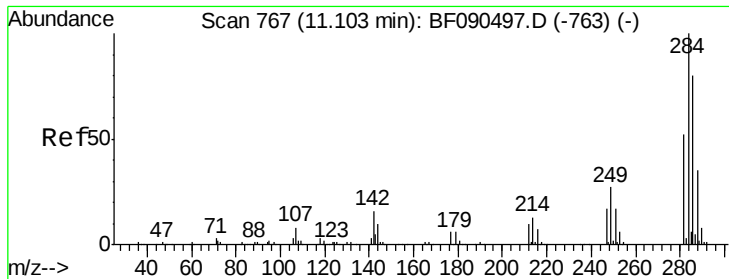


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.88 ng

RT: 11.10 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

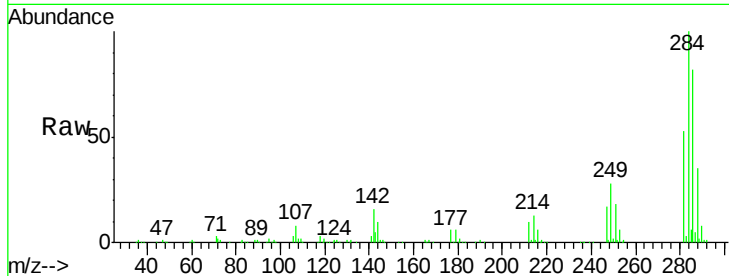
ClientSampled :

PB93839BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	399093		
142	16.3	23.1	34.7#	
249	27.7	26.3	39.5	

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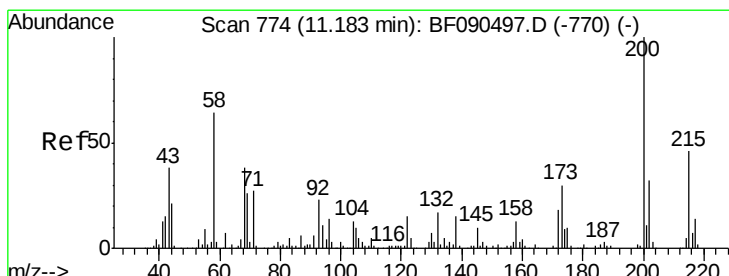
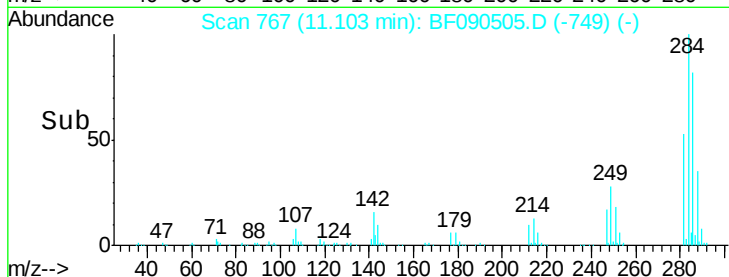
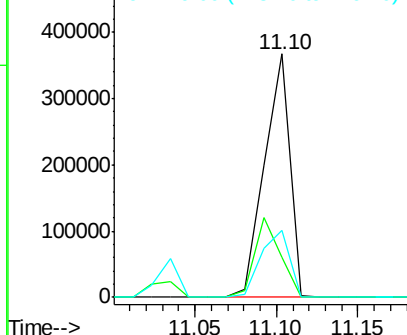
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.50 ng

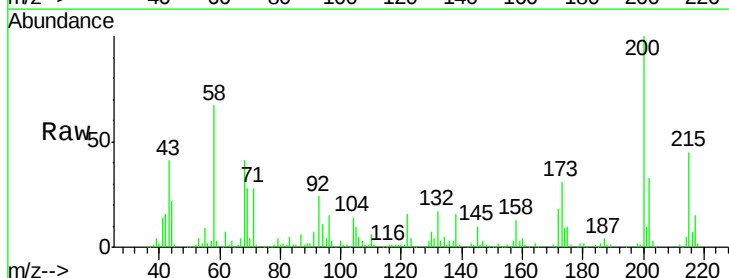
RT: 11.18 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

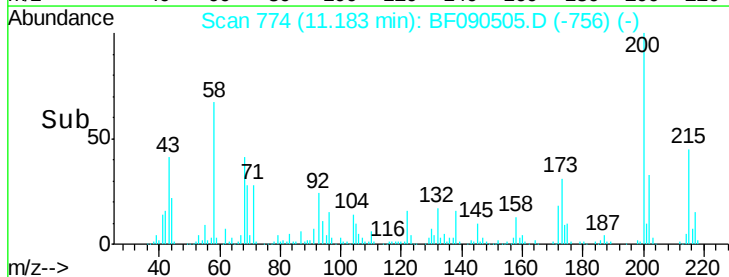
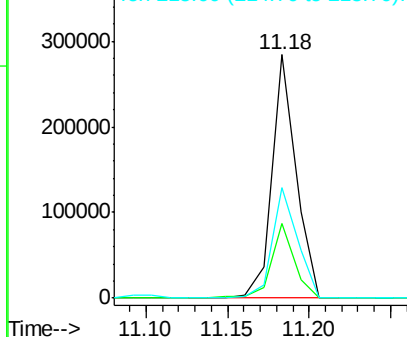
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	292109		
173	30.8	9.0	49.0	
215	45.3	24.8	64.8	

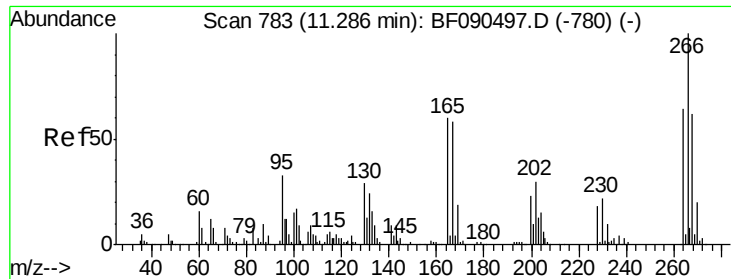


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





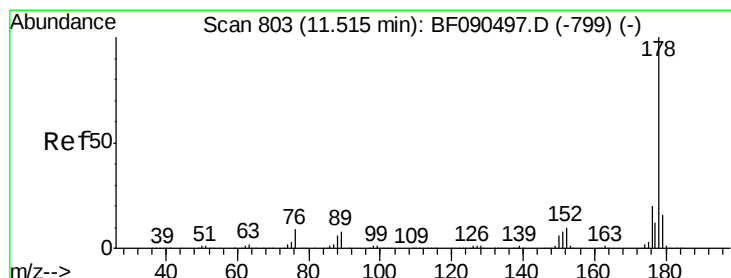
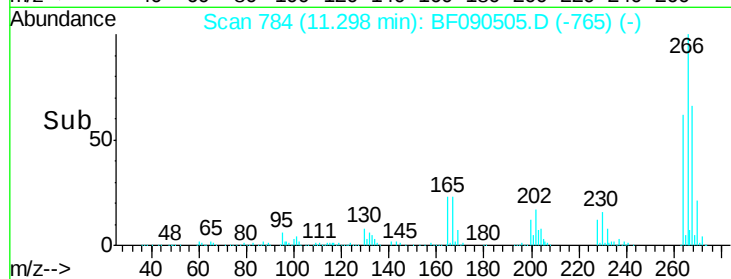
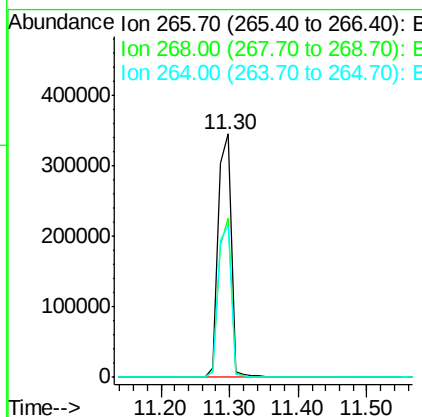
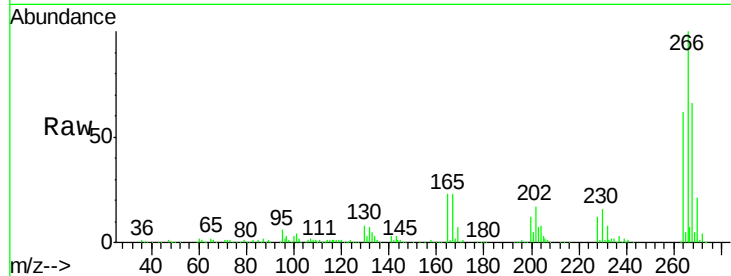
#69
 Pentachlorophenol
 Concen: 78.82 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.9	76.3
264	62.3	51.5	77.3

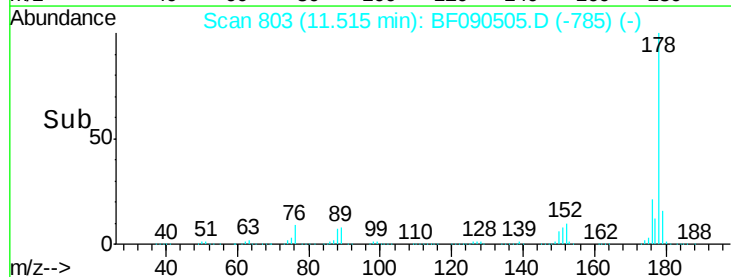
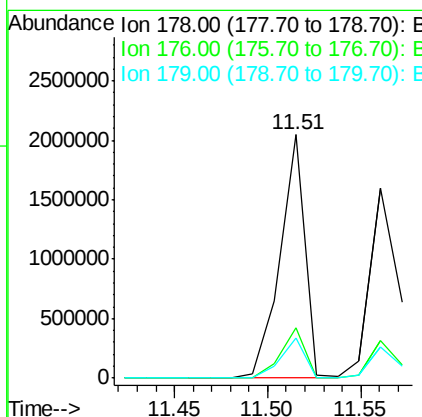
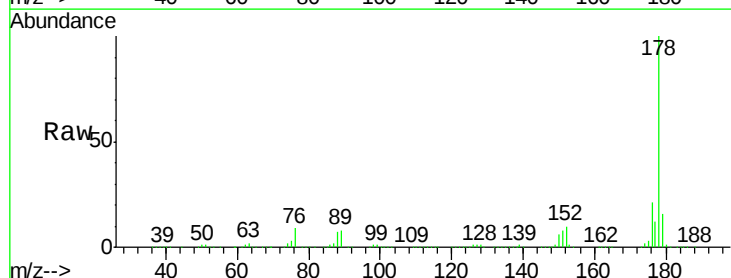
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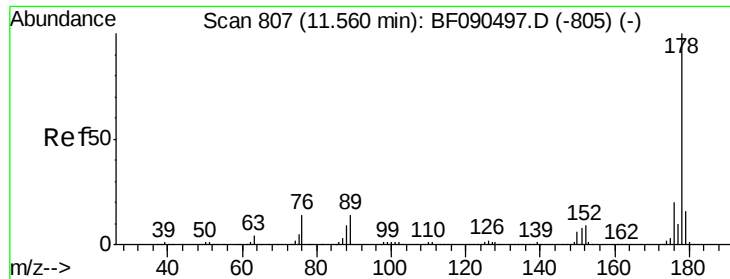
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#70
 Phenanthrene
 Concen: 41.98 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.3	25.9
179	16.4	13.8	20.6





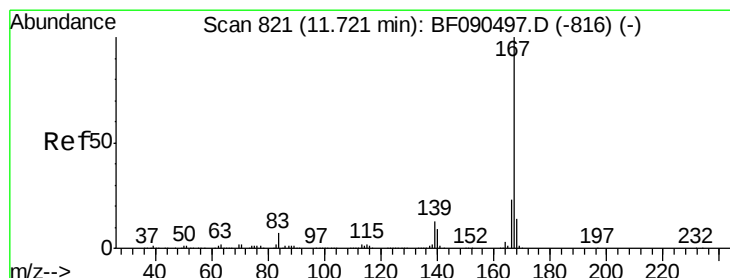
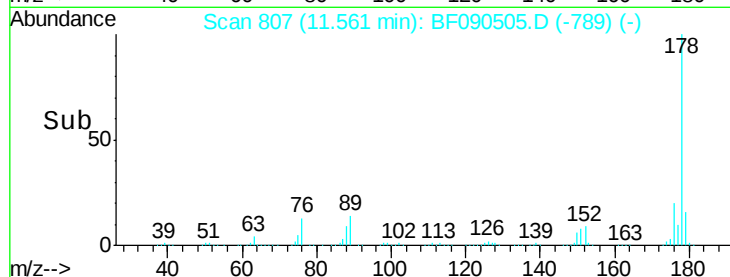
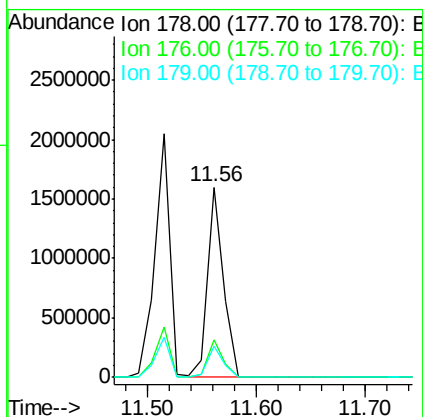
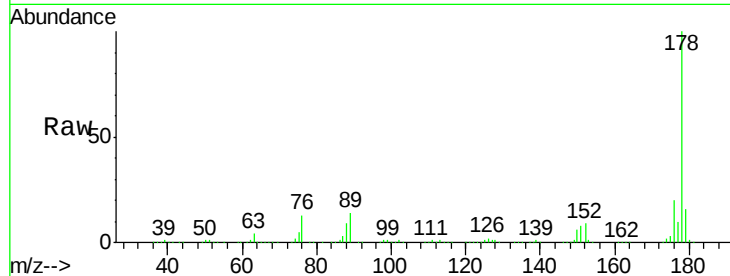
#71
 Anthracene
 Concen: 35.85 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tot Ion:178 Resp: 1636645
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.8 25.2
 179 16.4 13.4 20.2

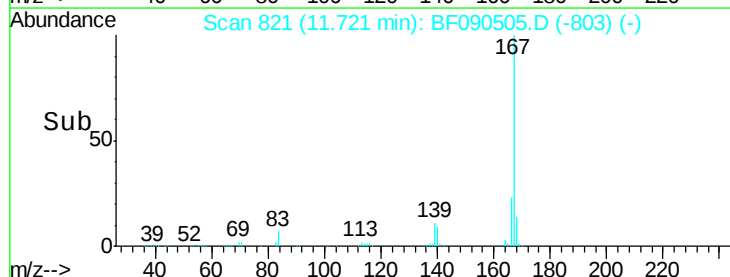
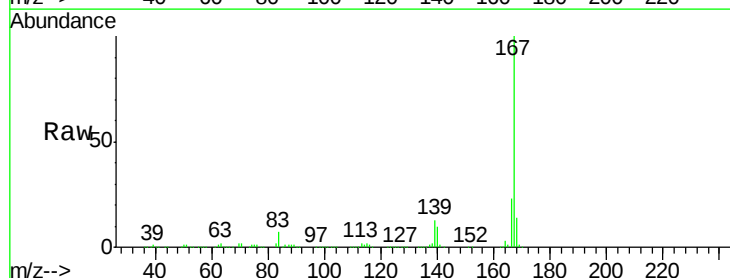
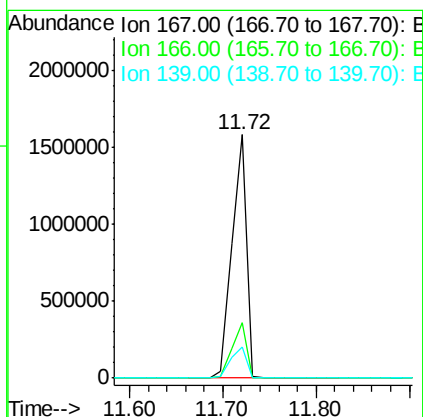
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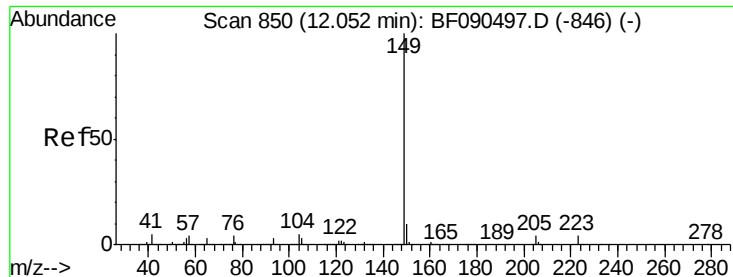
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#72
 Carbazole
 Concen: 40.05 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:167 Resp: 1727035
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.1 28.7
 139 12.7 12.1 18.1





#73

Di-n-butylphthalate

Concen: 39.81 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

Tot Ion:149 Resp: 2067053

Ion Ratio Lower Upper

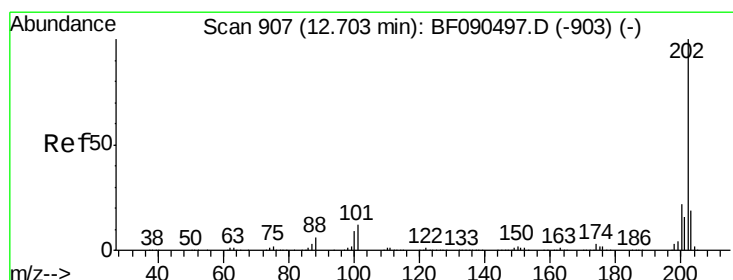
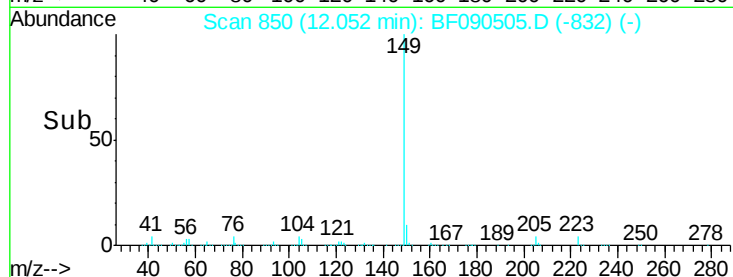
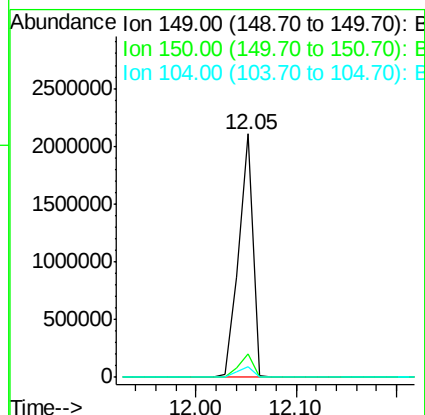
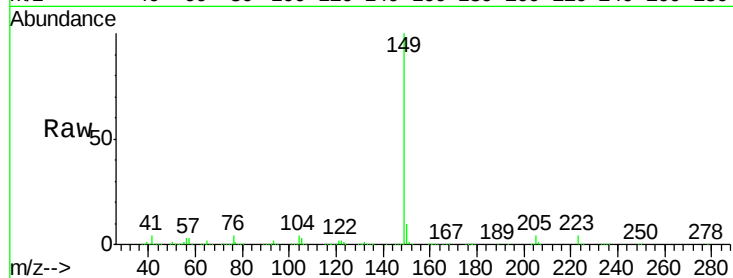
149 100

150 9.8 8.6 12.8

104 4.2 4.7 7.1#

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#74

Fluoranthene

Concen: 41.32 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

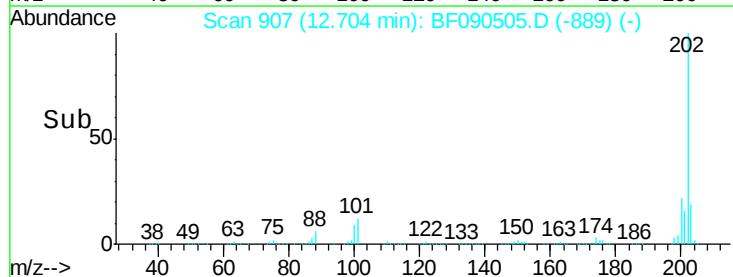
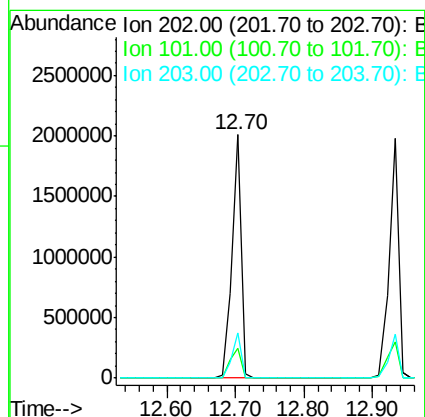
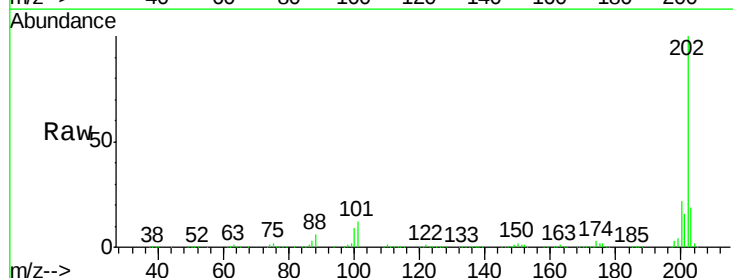
Tgt Ion:202 Resp: 1900669

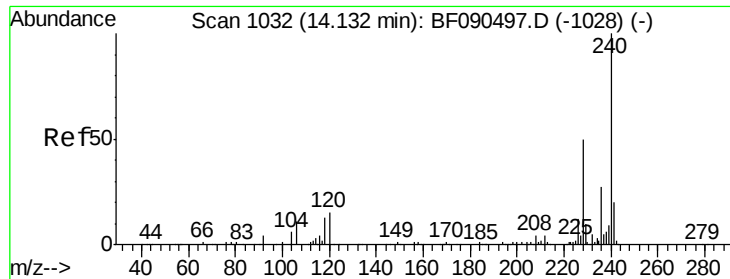
Ion Ratio Lower Upper

202 100

101 12.3 0.0 37.2

203 18.6 0.0 39.3





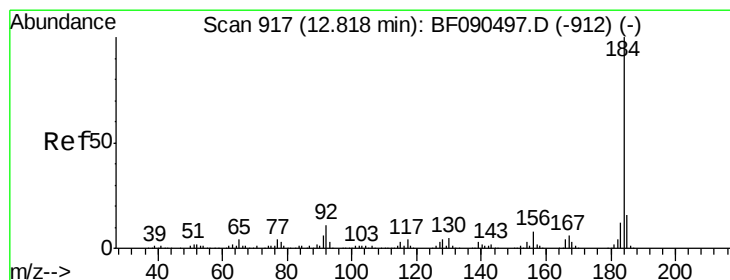
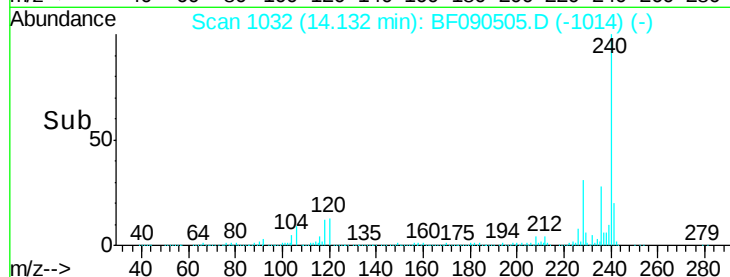
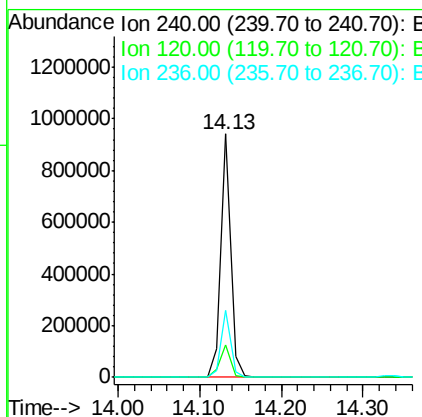
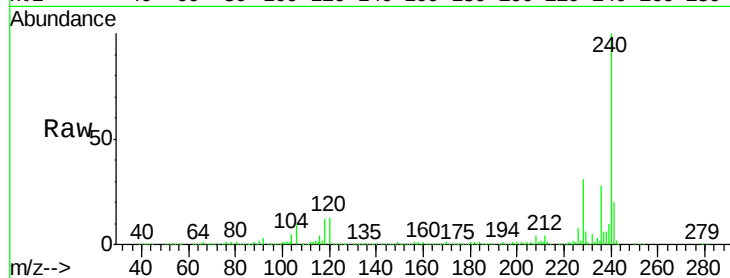
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.6	13.0
236	27.5	21.6	32.4

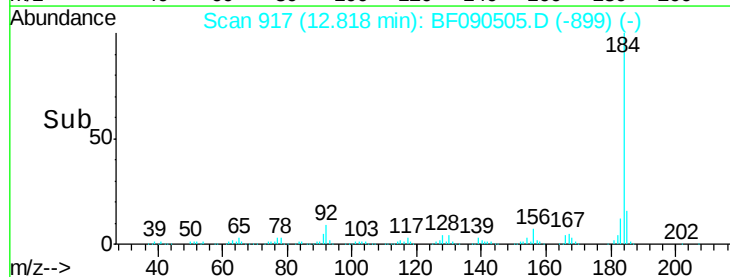
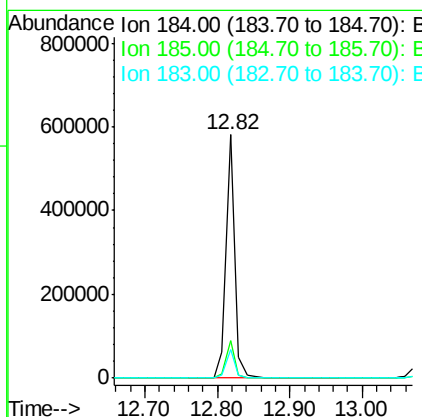
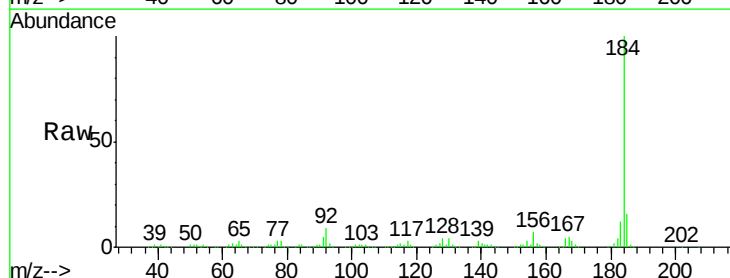
Manual Integrations
APPROVED

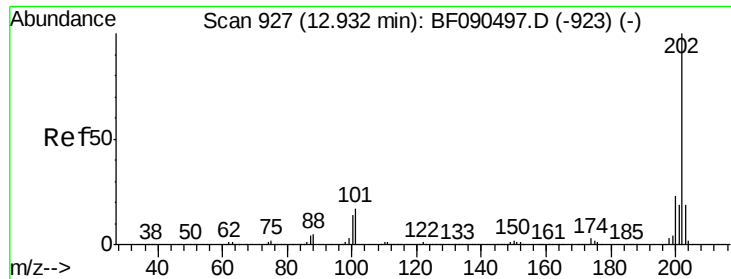
sohil
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#76
Benzidine
Concen: 19.80 ng
RT: 12.82 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.8
183	11.6	9.6	14.4





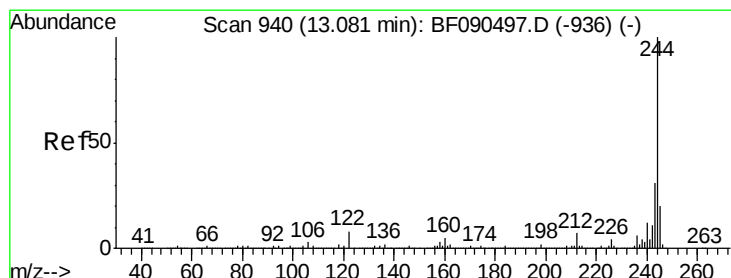
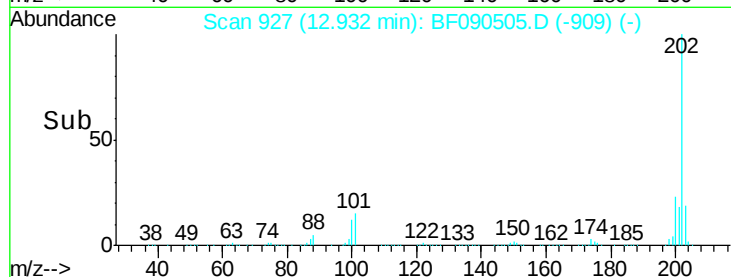
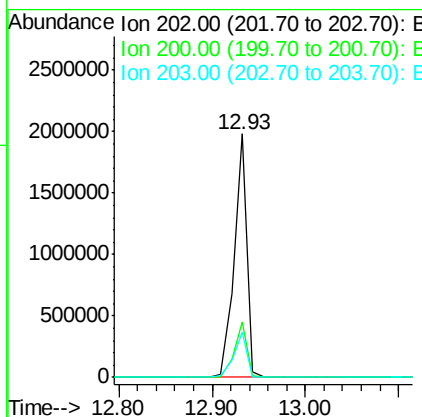
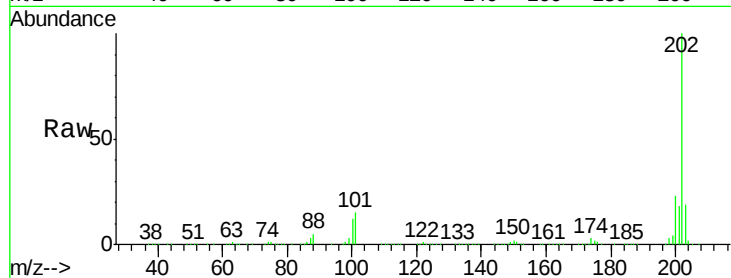
#77
Pvrene
Concen: 38.31 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.5	27.7
203	18.6	15.0	22.6

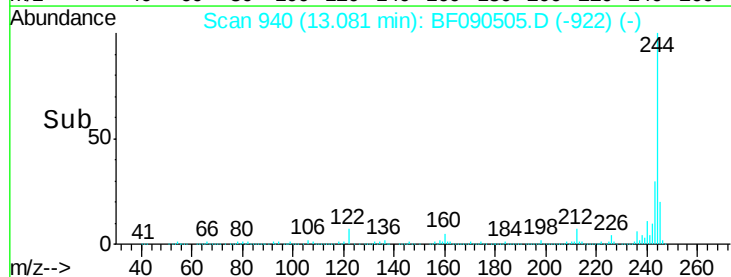
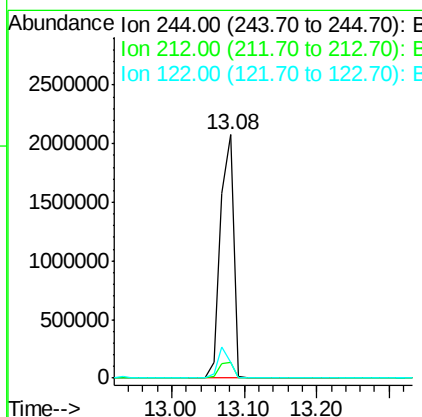
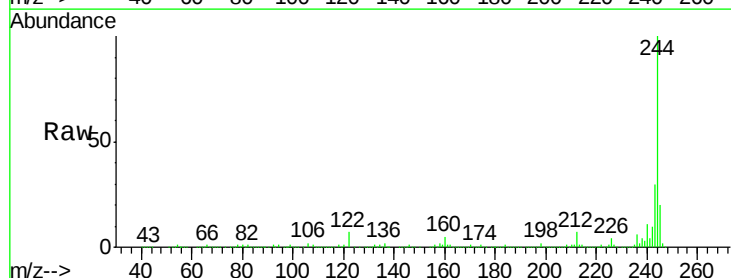
Manual Integrations
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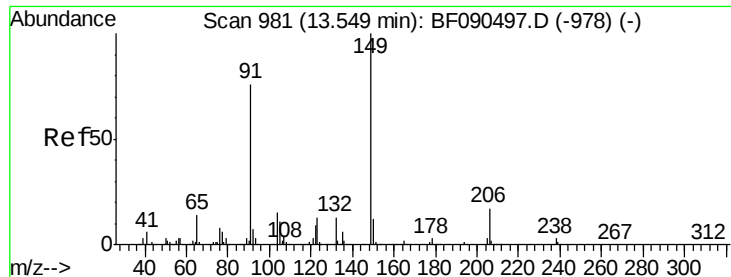
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#78
Terphenyl-d14
Concen: 81.36 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.8	10.2#
122	6.7	13.3	19.9#





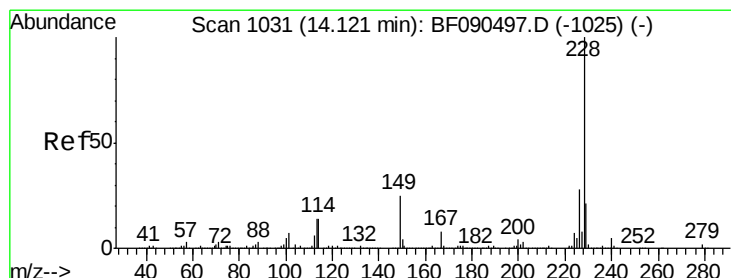
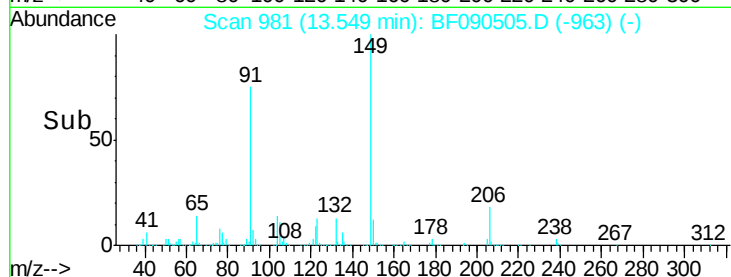
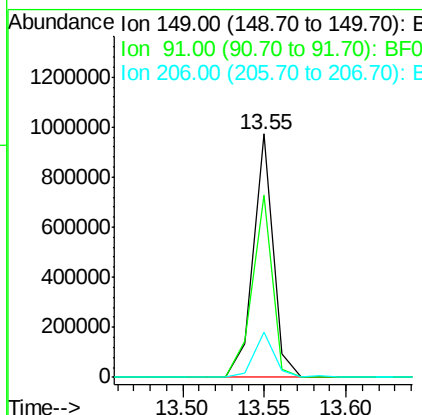
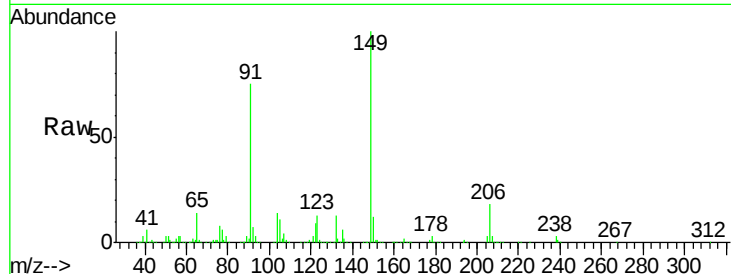
#79
Butylbenzylphthalate
Concen: 35.86 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.1	51.8	77.8
206	18.3	18.0	27.0

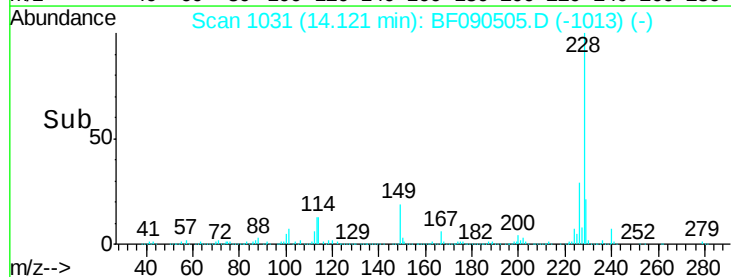
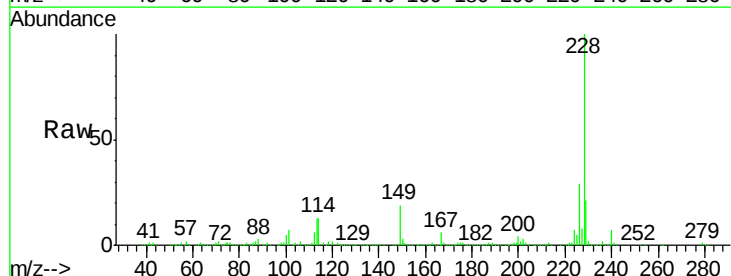
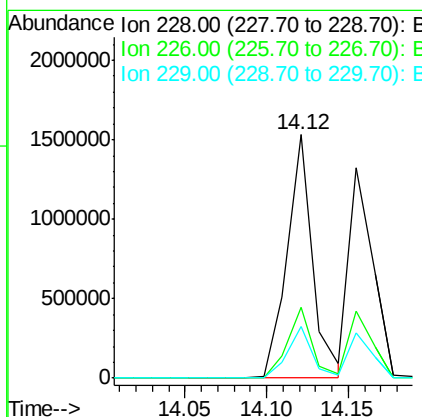
Manual Integrations
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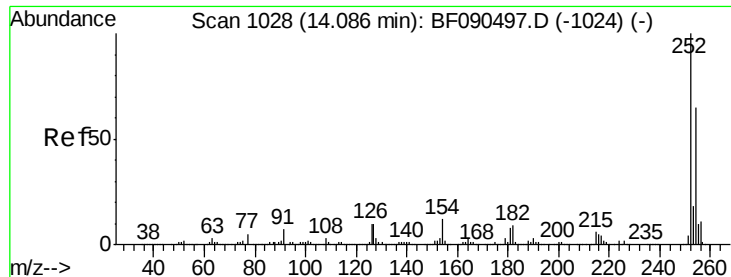
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#80
Benzo(a)anthracene
Concen: 35.68 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	20.9	16.6	25.0





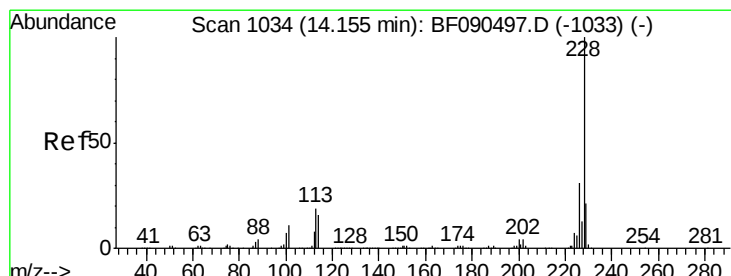
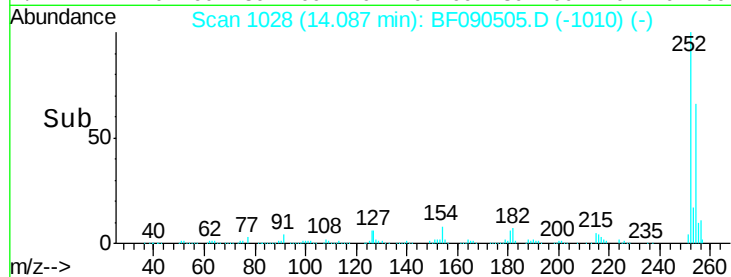
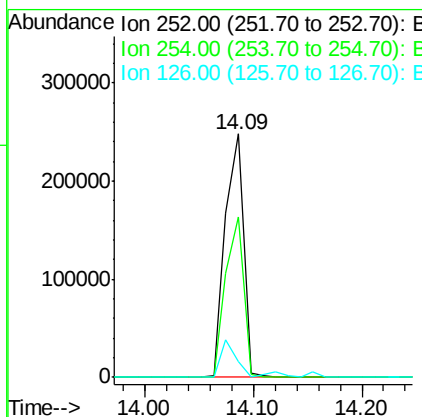
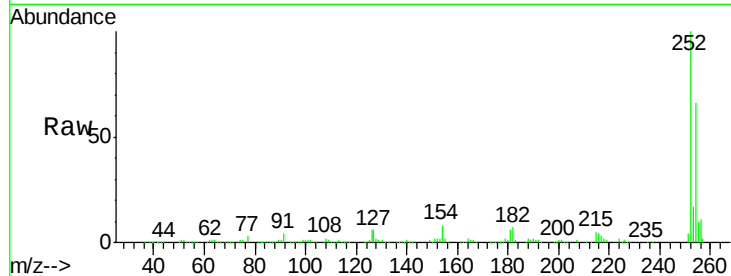
#81
 3,3'-Dichlorobenzidine
 Concen: 17.32 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.0	52.1	78.1
126	6.3	4.2	6.4

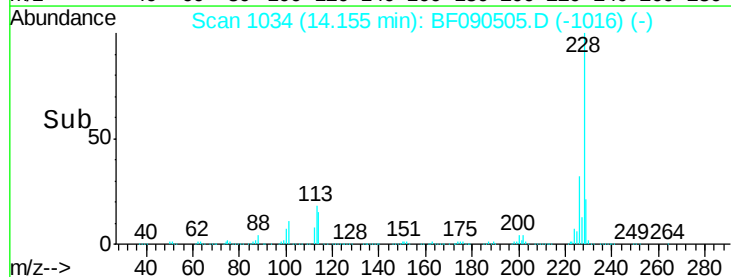
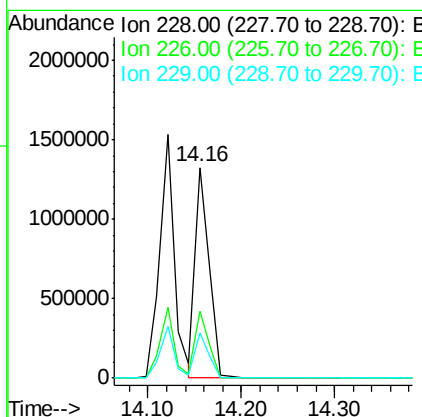
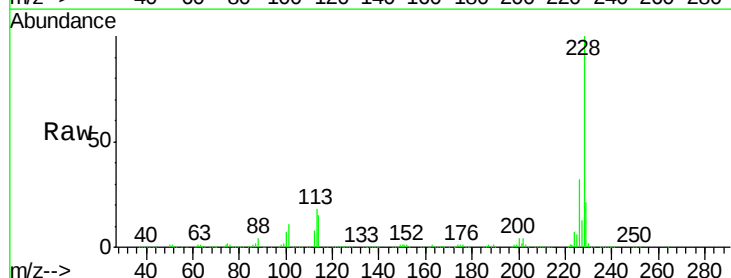
Manual Integrations
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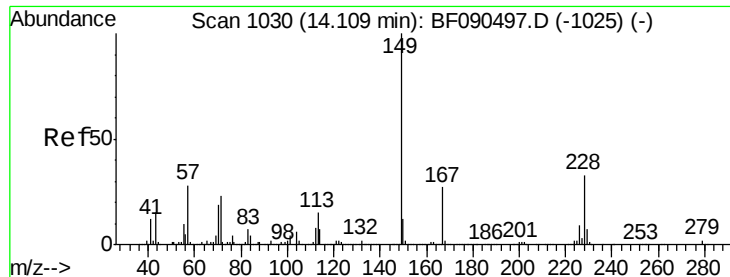
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#82
 Chrysene
 Concen: 31.76 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.8	25.8	38.6
229	21.1	16.9	25.3





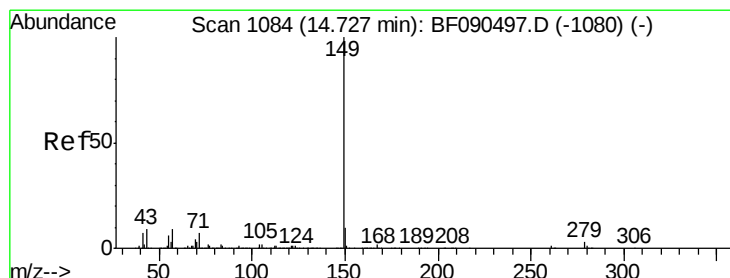
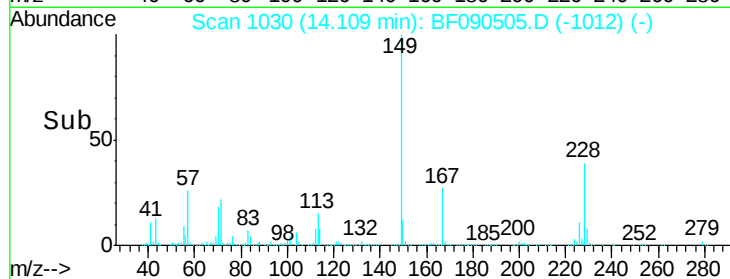
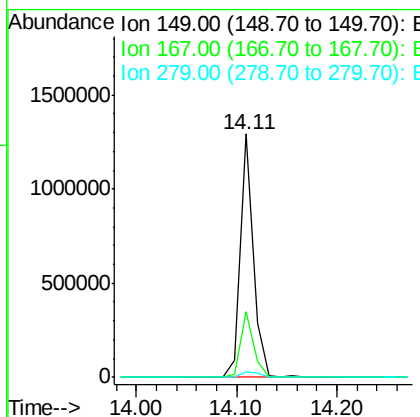
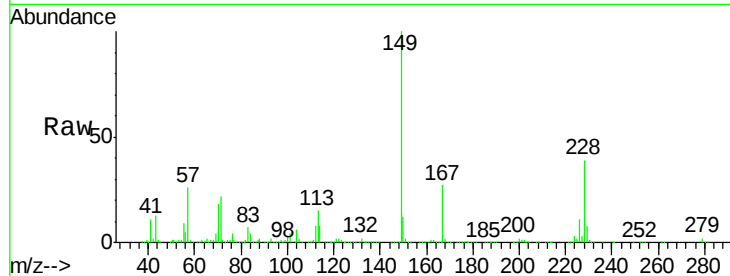
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.51 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tot Ion:149 Resp: 1158141
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.5 32.3
 279 2.5 2.6 3.8#

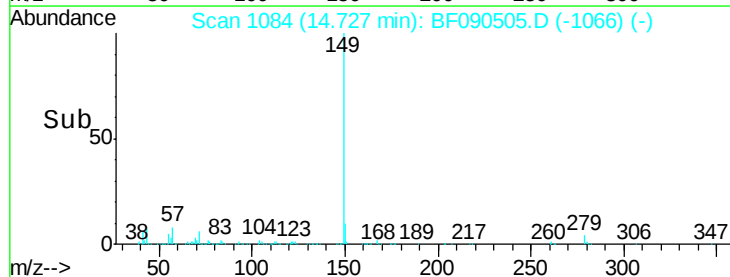
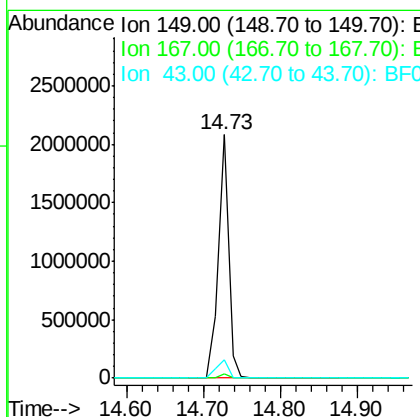
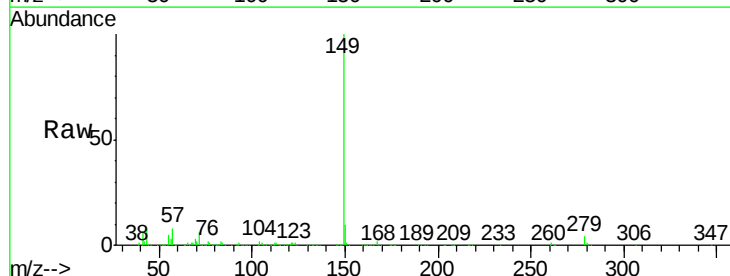
Manual Integrations
 APPROVED

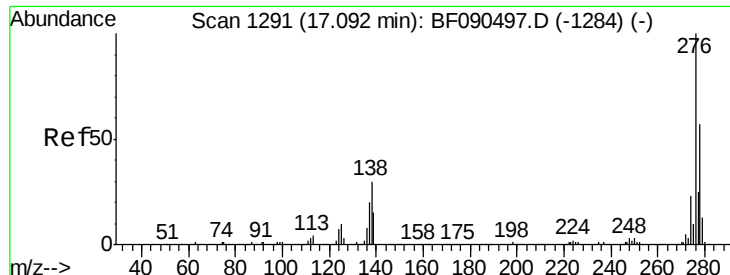
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#84
 Di-n-octyl phthalate
 Concen: 37.48 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:149 Resp: 1947940
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.8 11.8 17.8#





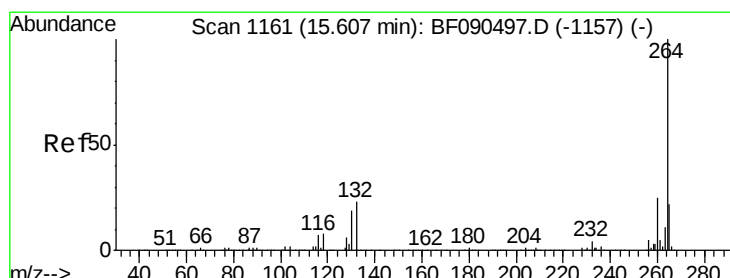
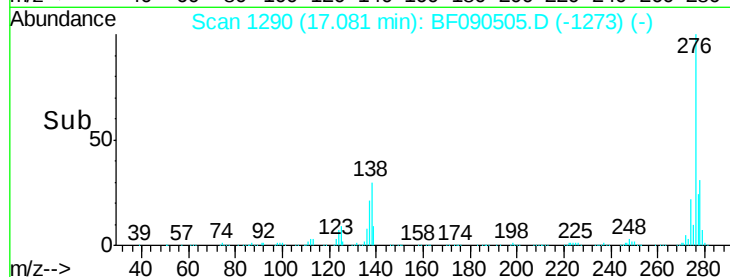
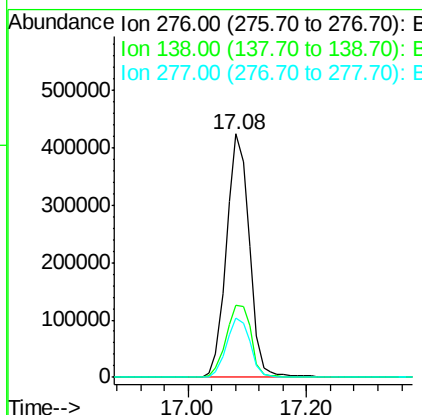
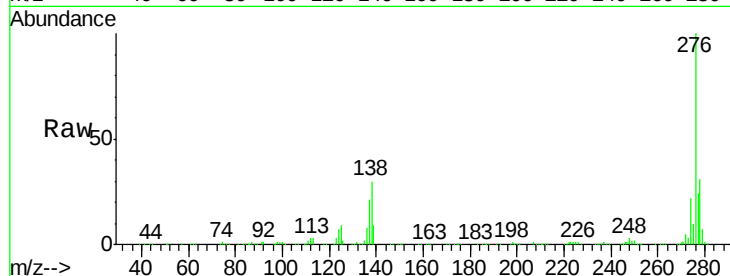
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.32 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion:276 Resp: 1135413
Ion Ratio Lower Upper
276 100
138 32.7 23.8 35.8
277 25.2 20.4 30.6

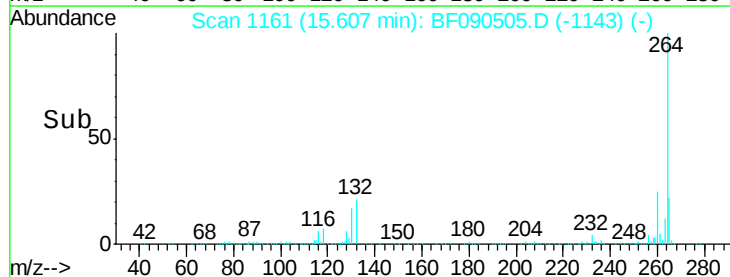
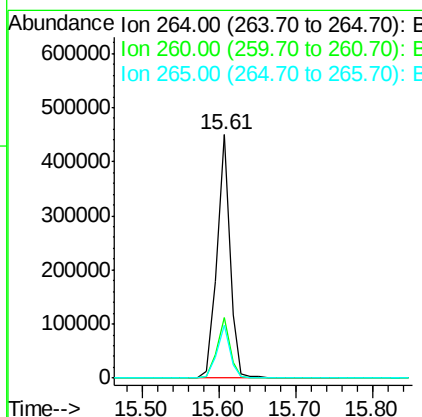
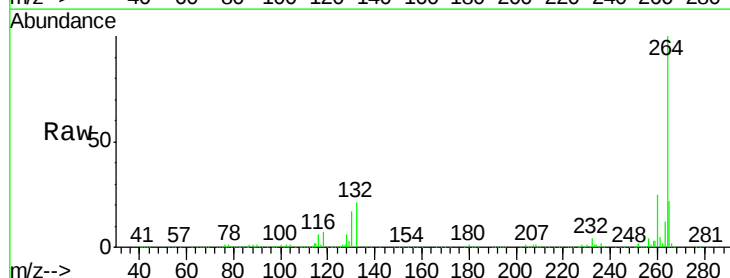
Manual Integrations
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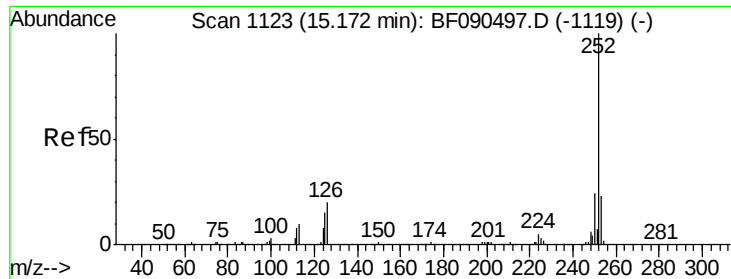
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:264 Resp: 534717
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 21.5 17.4 26.0





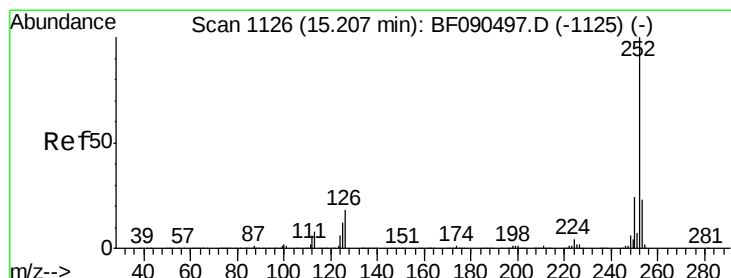
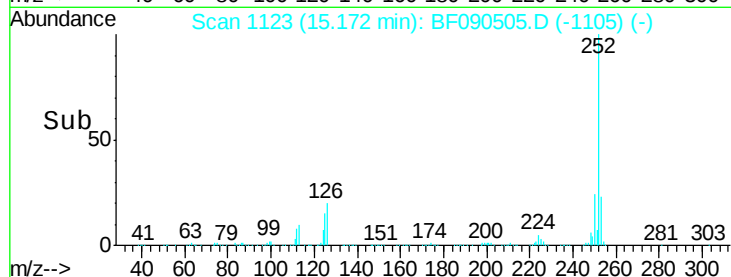
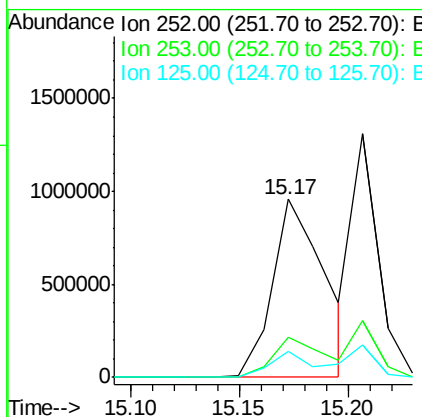
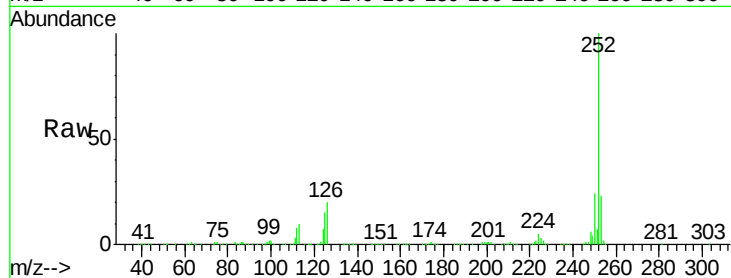
#87
Benzo(b)fluoranthene
Concen: 45.39 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion:252 Resp: 1601334
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 14.7 7.0 10.4#

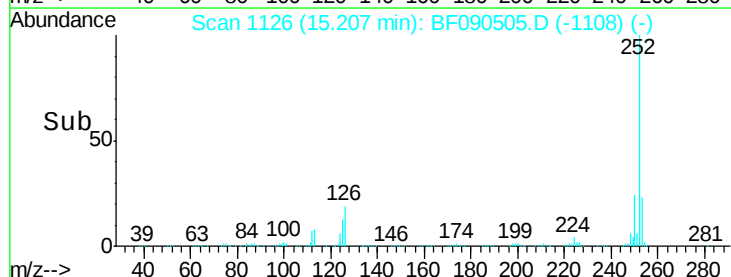
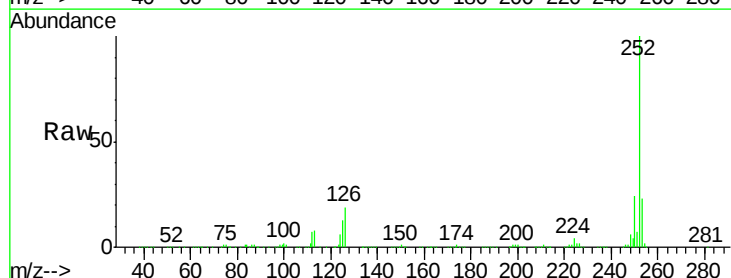
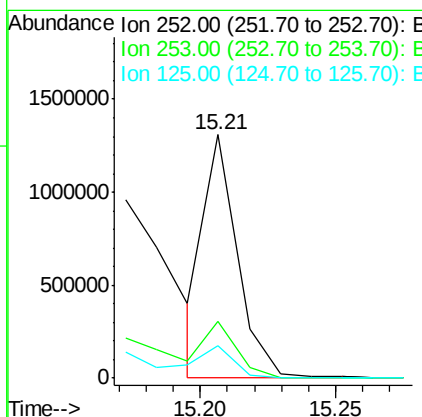
Manual Integrations
APPROVED

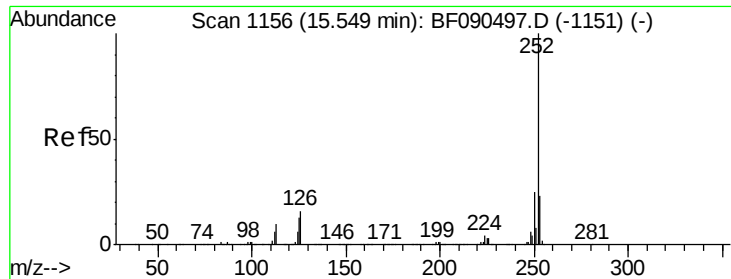
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#88
Benzo(k)fluoranthene
Concen: 35.25 ng m
RT: 15.21 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:252 Resp: 1107904
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 13.5 11.7 17.5





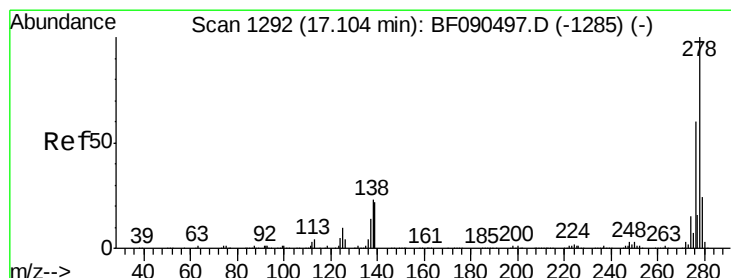
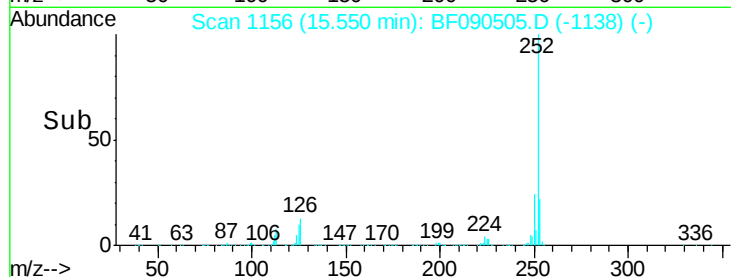
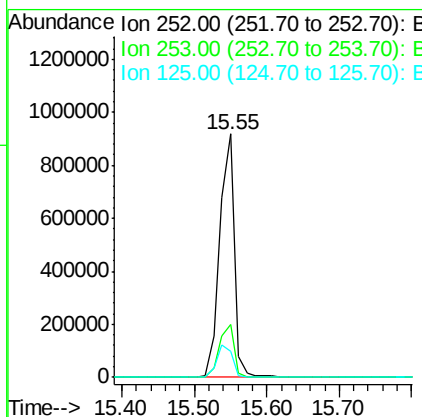
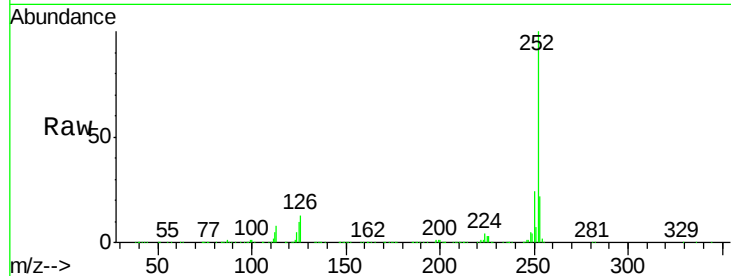
#89
Benzo(a)pyrene
Concen: 41.70 ng
RT: 15.55 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	10.5	9.8	14.8

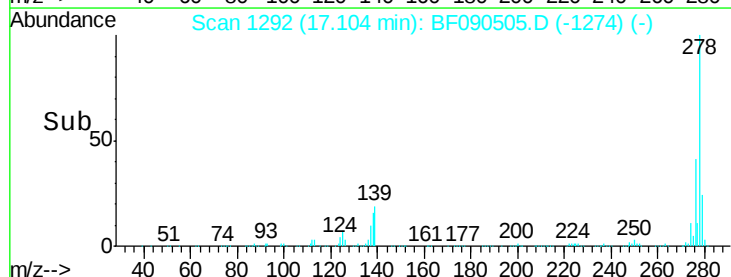
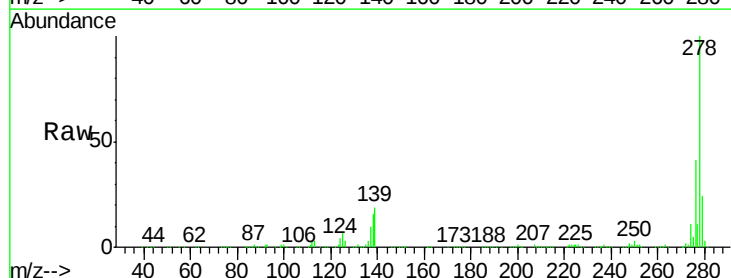
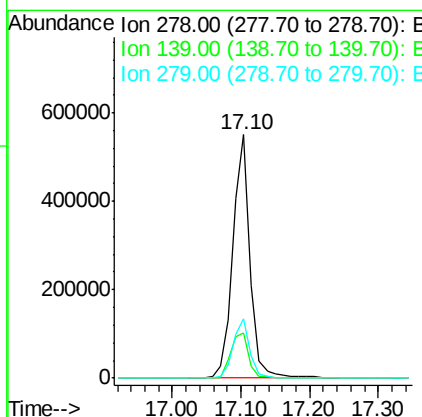
Manual Integrations
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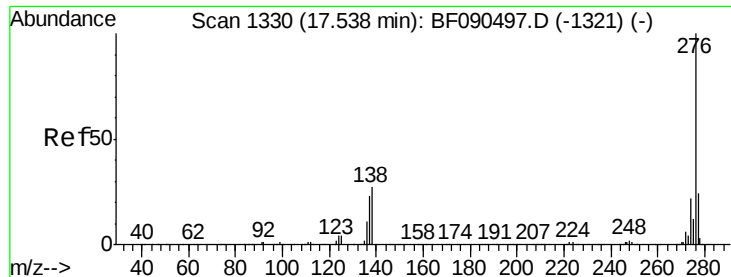
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#90
Dibenzo(a,h)anthracene
Concen: 36.93 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.8	19.2
279	24.1	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.76 ng
 RT: 17.53 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	19.4	29.0
138	28.9	20.8	31.2

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:31 PM

