

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090669.D
 Acq On : 20 Oct 2016 1:09
 Operator : UM/SJ
 Sample : PB94156BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Manual Integrations
 APPROVED

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 10/20/2016 6:40:18 PM

Quant Time: Oct 20 12:53:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	208346	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	909860	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	453740	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	680060	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	456601	20.00	ng	-0.01
86) Perylene-d12	15.50	264	378673	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1464677	128.88	ng	0.01
7) Phenol-d6	6.53	99	1932613	114.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	1227400	74.94	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	395452	97.76	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1900823	69.03	ng	-0.01
78) Terphenyl-d14	13.00	244	1523654	77.70	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	196771	30.38	ng	97
3) Pyridine	3.31	79	507805m	34.98	ng	
4) n-Nitrosodimethylamine	3.25	42	208283	41.26	ng	100
6) Aniline	6.55	93	385214	18.88	ng	98
8) 2-Chlorophenol	6.67	128	537142	36.45	ng	97
9) Benzaldehyde	6.43	77	45626	4.25	ng	89
10) Phenol	6.54	94	729506	37.77	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	572838	35.95	ng	97
12) 1,3-Dichlorobenzene	6.83	146	529732	36.05	ng	98
13) 1,4-Dichlorobenzene	6.91	146	522480	32.69	ng	98
14) 1,2-Dichlorobenzene	7.06	146	566476	37.91	ng	100
15) Benzyl Alcohol	7.03	79	479436	41.68	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	885714	39.50	ng	92
17) 2-Methylphenol	7.15	107	456926	39.79	ng	97
18) Hexachloroethane	7.40	117	219779	34.79	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	437445	37.78	ng	98
20) 3+4-Methylphenols	7.30	107	541946	38.93	ng	99
22) Acetophenone	7.30	105	749867	37.31	ng	94
24) Nitrobenzene	7.47	77	604540	35.96	ng	98
25) Isophorone	7.71	82	1143604	38.36	ng	99
26) 2-Nitrophenol	7.79	139	244084	32.01	ng	97
27) 2,4-Dimethylphenol	7.83	122	484017	38.25	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	693910	39.42	ng	99
29) 2,4-Dichlorophenol	8.03	162	370425	33.42	ng	88
30) 1,2,4-Trichlorobenzene	8.12	180	422873	32.57	ng	98
31) Naphthalene	8.20	128	1578046	34.05	ng	99
32) Benzoic acid	7.94	122	138673	17.84	ng	96
33) 4-Chloroaniline	8.25	127	231741	13.08	ng	98
34) Hexachlorobutadiene	8.31	225	239539	33.02	ng	100
35) Caprolactam	8.61	113	115773	37.42	ng	# 77
36) 4-Chloro-3-methylphenol	8.74	107	466319	36.46	ng	# 82
37) 2-Methylnaphthalene	8.89	142	955576	35.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	438461	36.45	ng	99
40) Hexachlorocyclopentadiene	9.05	237	304123	51.75	ng	97

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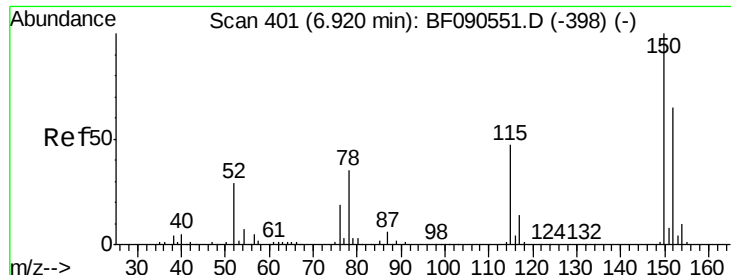
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	275774	40.64	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	264018	32.61	nq	# 86
45) 1,1'-Biphenyl	9.35	154	1238608	35.87	nq	99
46) 2-Chloronaphthalene	9.38	162	929579	36.11	nq	100
47) 2-Nitroaniline	9.48	65	346747	37.15	nq	92
48) Acenaphthylene	9.79	152	1381090	33.69	nq	99
49) Dimethylphthalate	9.65	163	1003769	34.10	nq	100
50) 2,6-Dinitrotoluene	9.72	165	239250	37.14	nq	95
51) Acenaphthene	9.96	154	849324	31.17	nq	99
52) 3-Nitroaniline	9.89	138	177867	22.00	nq	90
53) 2,4-Dinitrophenol	9.99	184	36213	15.30	nq	# 88
54) Dibenzofuran	10.13	168	1222601	34.11	nq	# 88
55) 4-Nitrophenol	10.05	139	245148	50.39	nq	90
56) 2,4-Dinitrotoluene	10.12	165	314259	35.92	nq	95
57) Fluorene	10.47	166	1010603	34.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	208306	30.90	nq	97
59) Diethylphthalate	10.35	149	1090679	36.53	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	502404	36.05	nq	99
61) 4-Nitroaniline	10.51	138	237745	29.33	nq	97
62) Azobenzene	10.63	77	1384215	40.08	nq	99
64) 4,6-Dinitro-2-methylphenol	10.53	198	32064	7.79	nq	82
65) n-Nitrosodiphenylamine	10.59	169	824561	36.71	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	250016	34.26	nq	99
67) Hexachlorobenzene	11.03	284	280671	35.43	nq	# 63
68) Atrazine	11.11	200	199609	32.13	nq	98
69) Pentachlorophenol	11.23	266	206047	52.47	nq	98
70) Phenanthrene	11.45	178	1305094	35.95	nq	100
71) Anthracene	11.49	178	1348072	34.50	nq	100
72) Carbazole	11.65	167	1195626	34.19	nq	100
73) Di-n-butylphthalate	11.98	149	1723930	42.07	nq	100
74) Fluoranthene	12.62	202	1113703	30.50	nq	89
76) Benzidine	12.76	184	147979	13.03	nq	96
77) Pyrene	12.85	202	1079545	35.70	nq	100
79) Butylbenzylphthalate	13.48	149	611116	45.61	nq	97
80) Benzo(a)anthracene	14.04	228	922843	35.50	nq	98
81) 3,3'-Dichlorobenzidine	14.01	252	202406	22.79	nq	# 95
82) Chrysene	14.09	228	976208	38.98	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	857337	47.43	nq	100
84) Di-n-octyl phthalate	14.65	149	1239933	51.16	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.94	276	801030	55.32	nq	98
87) Benzo(b)fluoranthene	15.09	252	921910	37.20	nq	# 94
88) Benzo(k)fluoranthene	15.12	252	786880m	29.51	nq	
89) Benzo(a)pyrene	15.45	252	798718	35.21	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	700478	40.49	nq	99
91) Benzo(g,h,i)perylene	17.37	276	613661	37.20	nq	97

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



#1

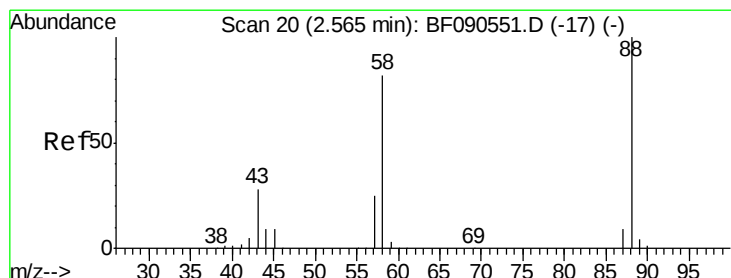
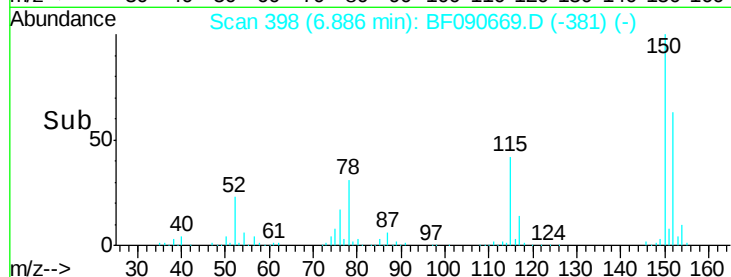
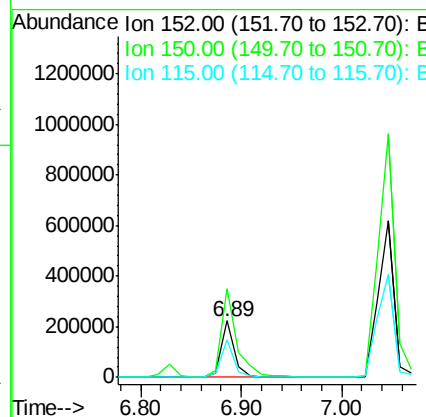
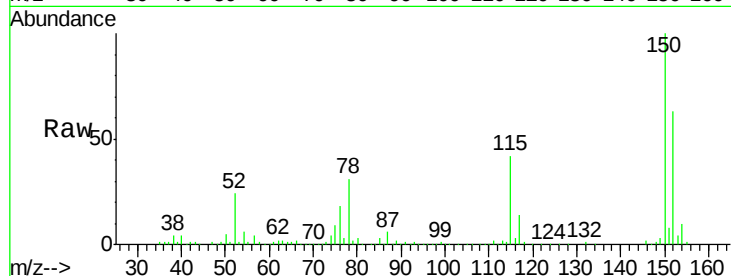
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.2	190.8
115	67.0	58.6	88.0

Manual Integrations
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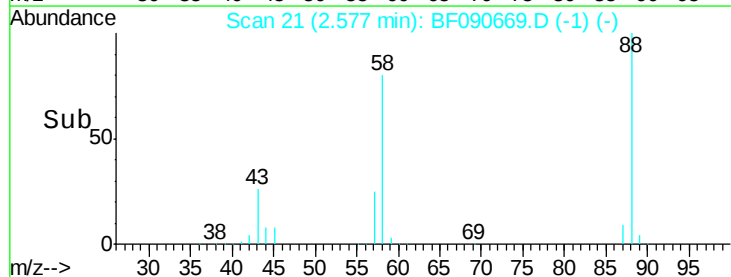
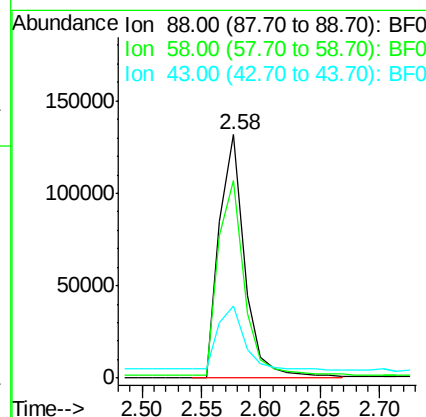
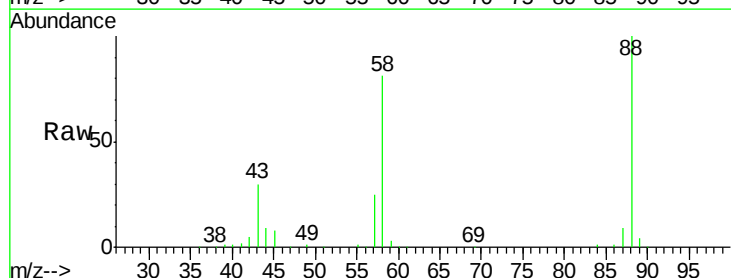
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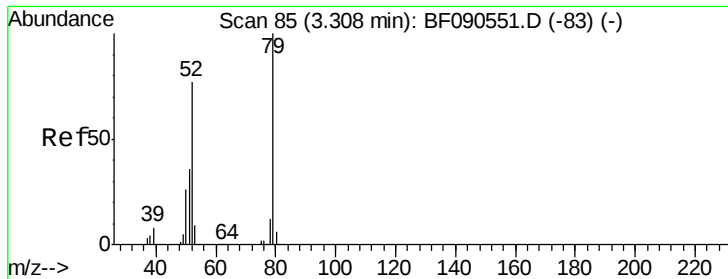


#2

1,4-Dioxane
Concen: 30.38 ng
RT: 2.58 min Scan# 21
Delta R.T. 0.06 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	67.2	100.8
43	28.2	24.1	36.1





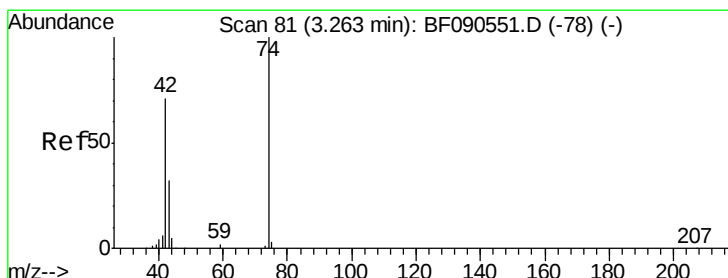
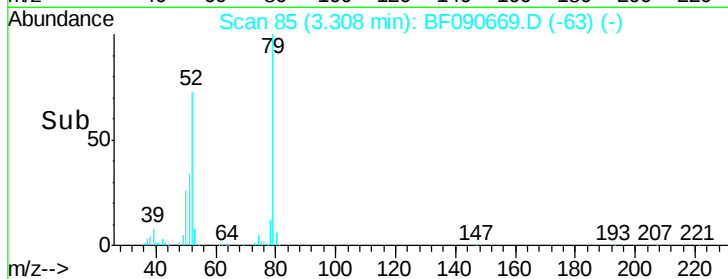
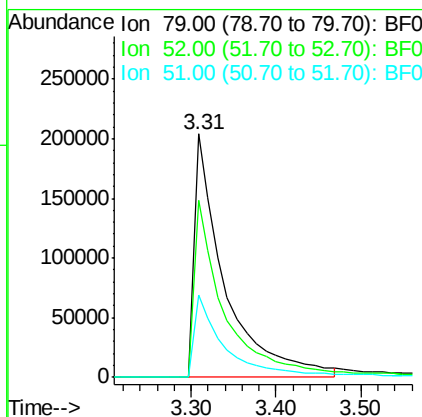
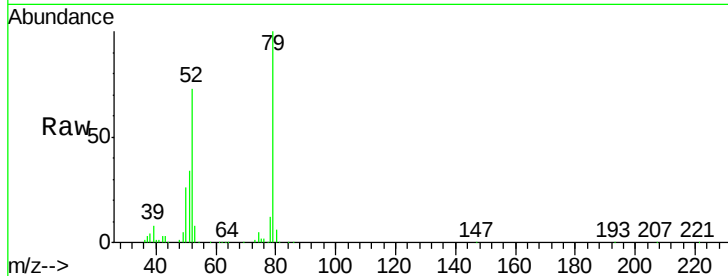
#3
 Pvridine
 Concen: 34.98 ng/ml
 RT: 3.31 min Scan# 85
 Delta R.T. 0.06 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleID :
 PB94156BS

Tot Ion:	79	Resp:	507805
Ion Ratio	Lower	Upper	
79	100		
52	72.8	61.8	92.8
51	34.0	29.2	43.8

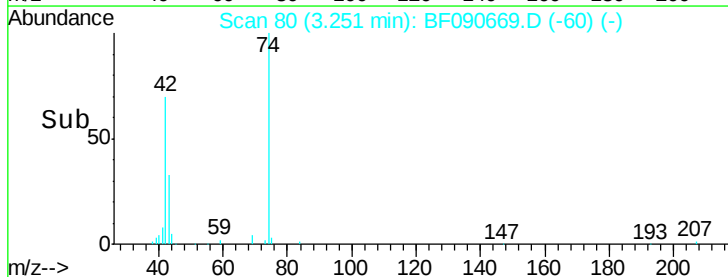
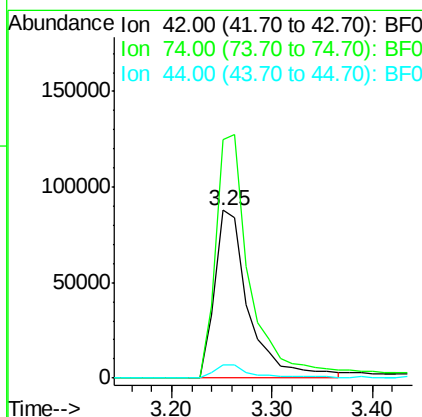
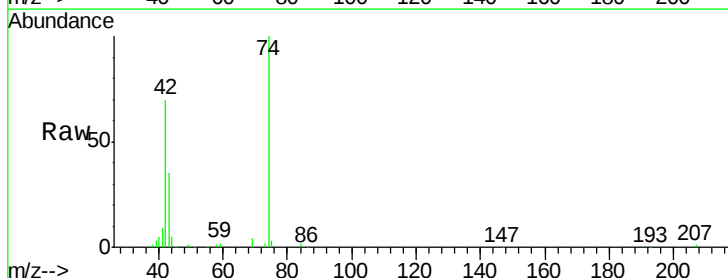
Manual Integrations
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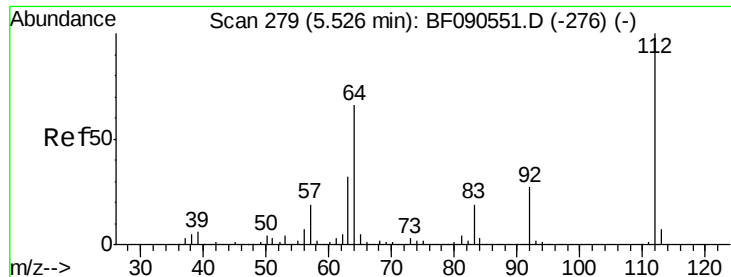
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#4
 n-Nitrosodimethylamine
 Concen: 41.26 ng/ml
 RT: 3.25 min Scan# 80
 Delta R.T. 0.03 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion:	42	Resp:	208283
Ion Ratio	Lower	Upper	
42	100		
74	142.2	113.3	169.9
44	7.5	6.0	9.0





#5

2-Fluorophenol

Concen: 128.88 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:112 Resp: 1464677

Ion Ratio Lower Upper

112 100

64 63.3 52.6 78.8

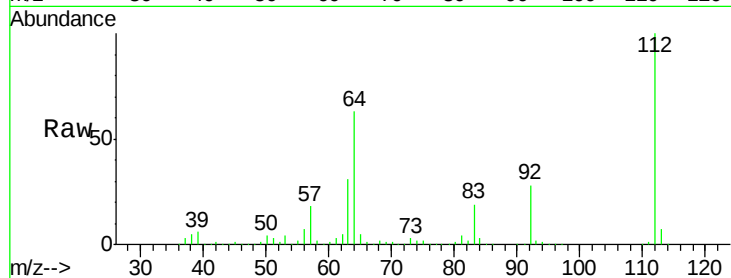
63 31.4 26.0 39.0

Manual Integrations

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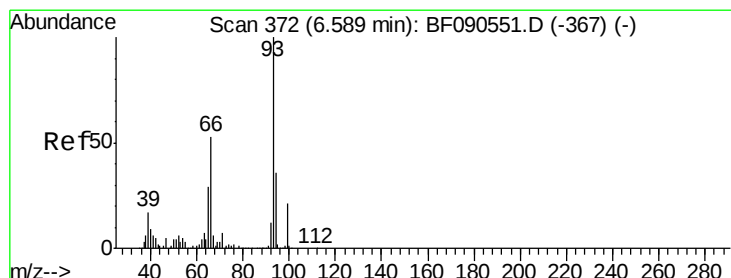
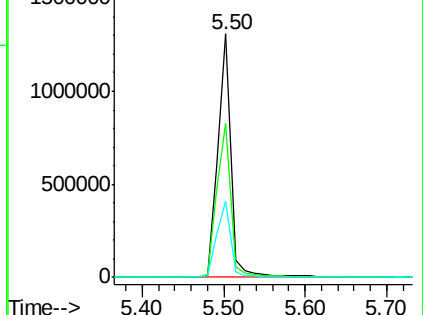
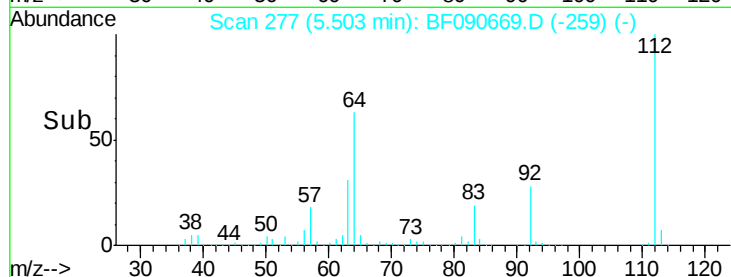
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.88 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

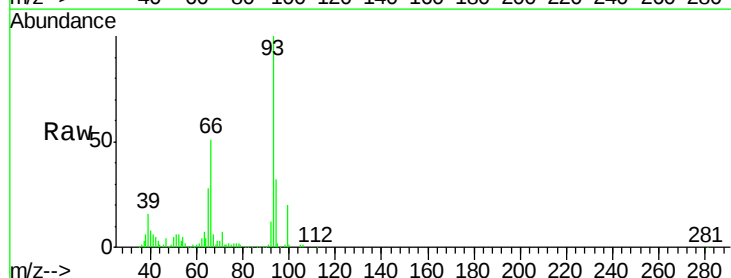
Tgt Ion: 93 Resp: 385214

Ion Ratio Lower Upper

93 100

66 50.8 42.2 63.2

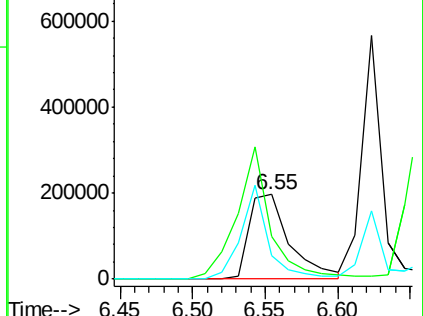
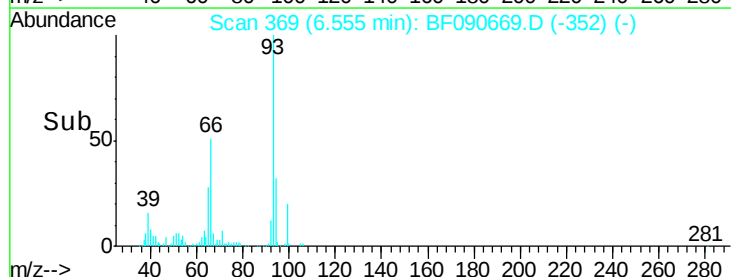
65 28.0 22.9 34.3

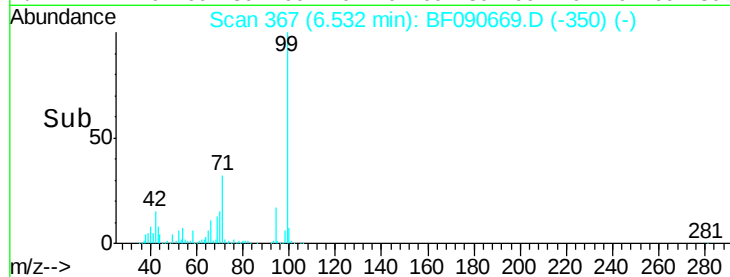
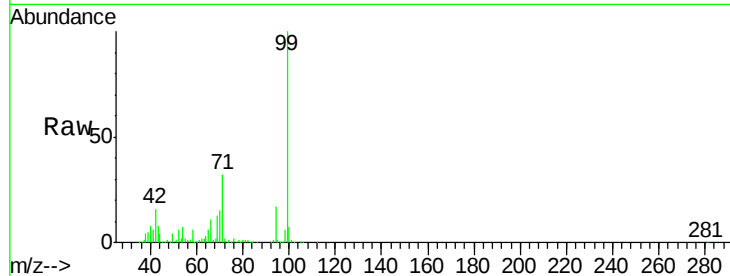
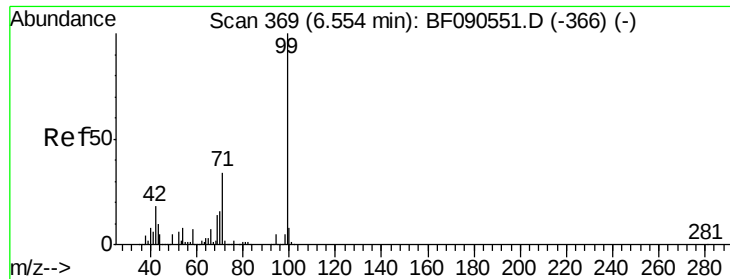


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.44 ng

RT: 6.53 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tot Ion: 99 Resp: 1932613

Ion Ratio Lower Upper

99 100

42 15.5 14.7 22.1

71 32.2 27.6 41.4

Instrument :

BNA_F

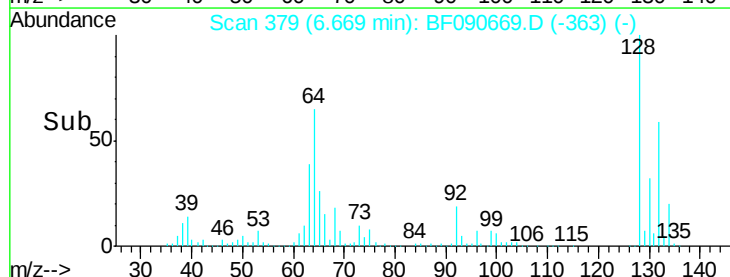
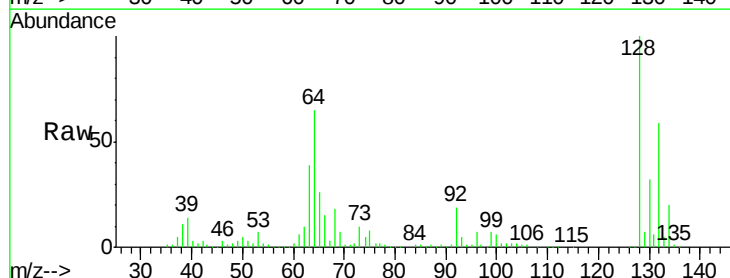
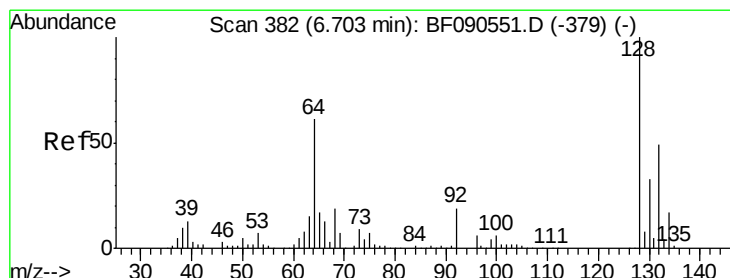
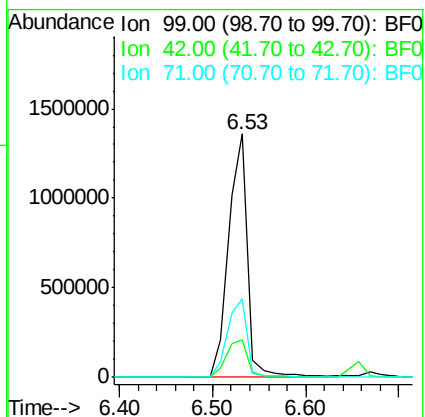
ClientSampleId :

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#8

2-Chlorophenol

Concen: 36.45 ng

RT: 6.67 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

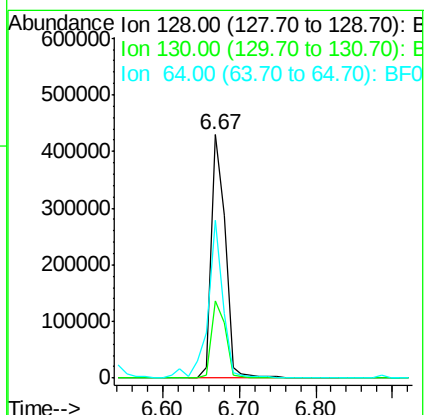
Tgt Ion:128 Resp: 537142

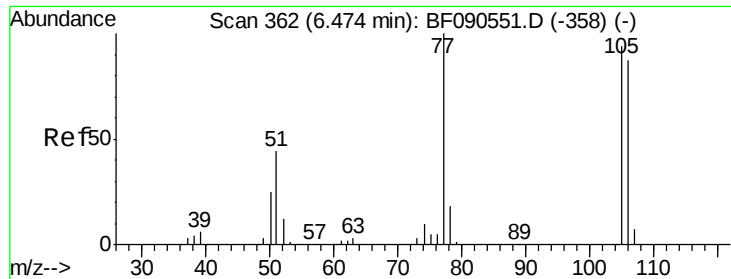
Ion Ratio Lower Upper

128 100

130 31.6 12.6 52.6

64 65.1 42.6 82.6





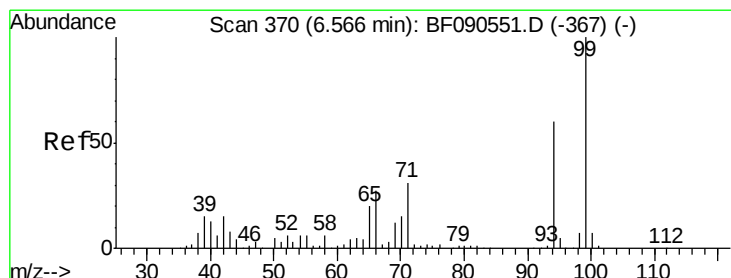
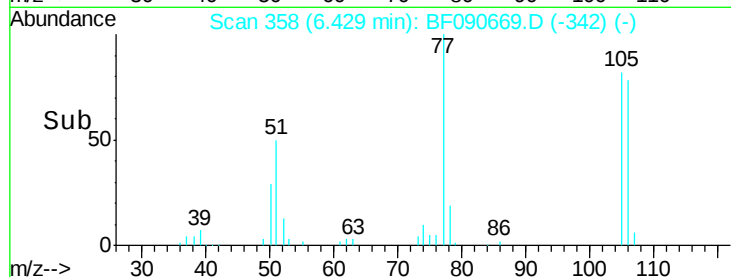
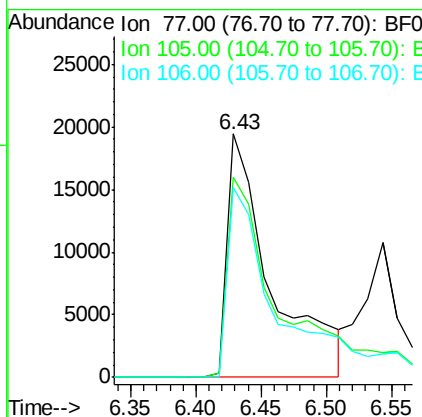
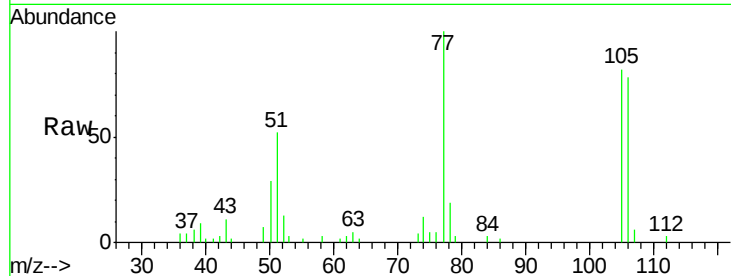
#9
Benzaldehyde
Concen: 4.25 ng
RT: 6.43 min Scan# 358
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleID :
PB94156BS

Tot Ion: 77 Resp: 45626
Ion Ratio Lower Upper
77 100
105 82.0 74.3 114.3
106 77.8 67.2 107.2

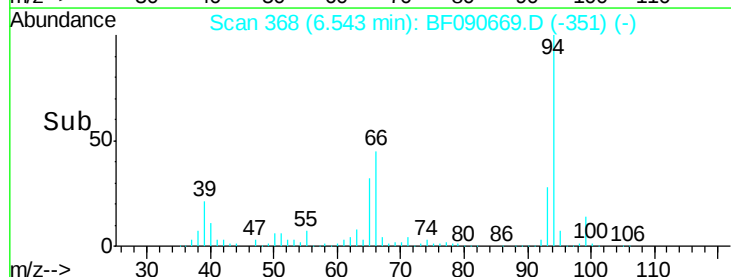
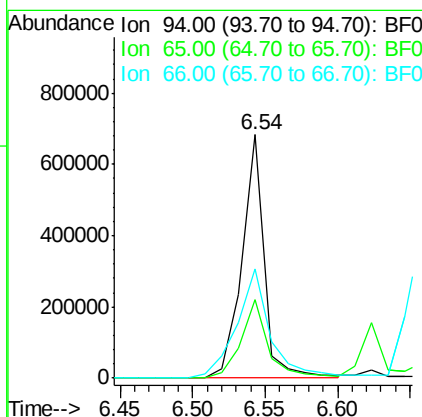
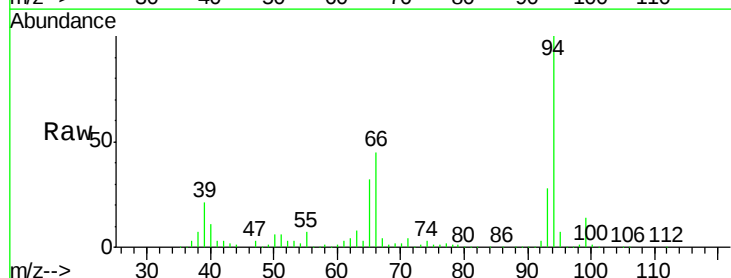
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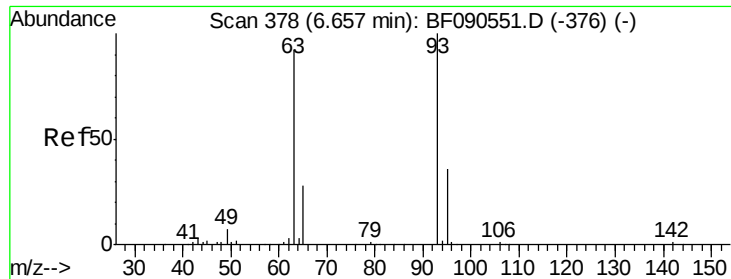
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#10
Phenol
Concen: 37.77 ng
RT: 6.54 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion: 94 Resp: 729506
Ion Ratio Lower Upper
94 100
65 32.1 12.5 52.5
66 45.1 25.5 65.5





#11

bis(2-Chloroethyl)ether

Concen: 35.95 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

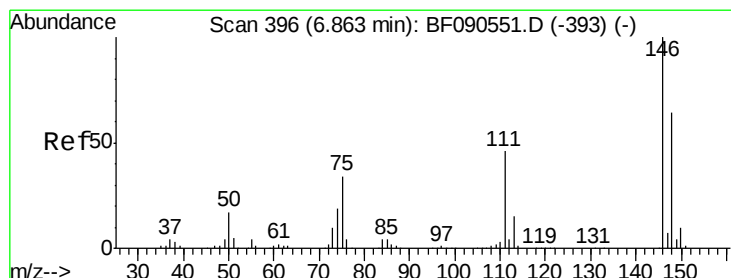
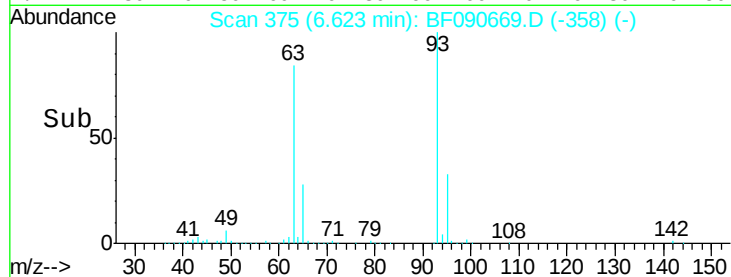
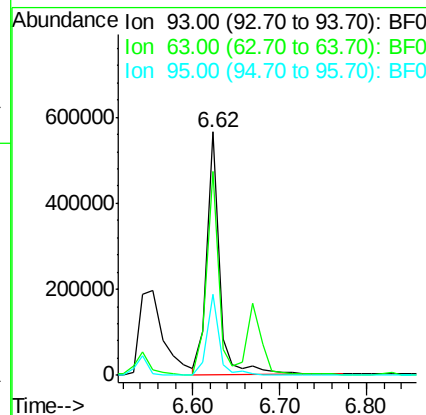
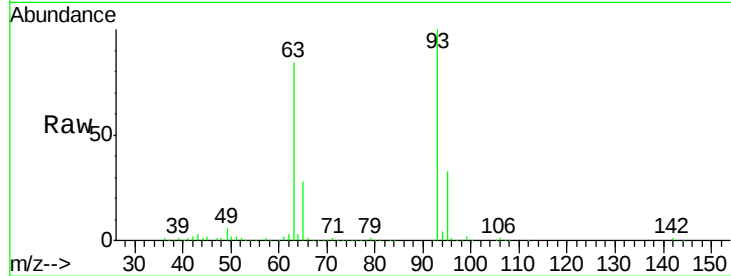
ClientSampleId :

PB94156BS

Tot Ion:	93	Resp:	572838
Ion Ratio	Lower	Upper	
93	100		
63	83.9	61.6	101.6
95	33.2	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 36.05 ng

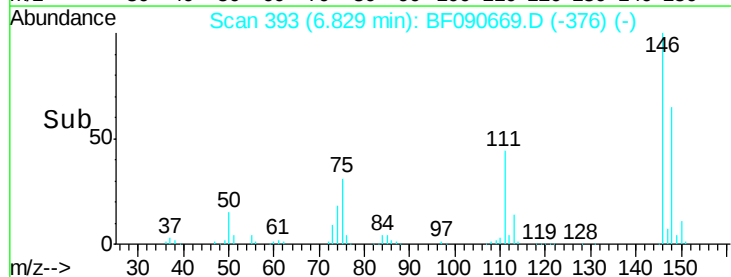
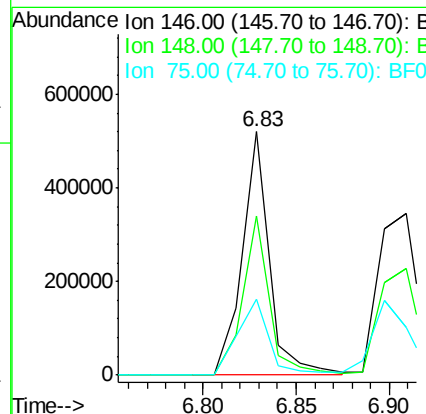
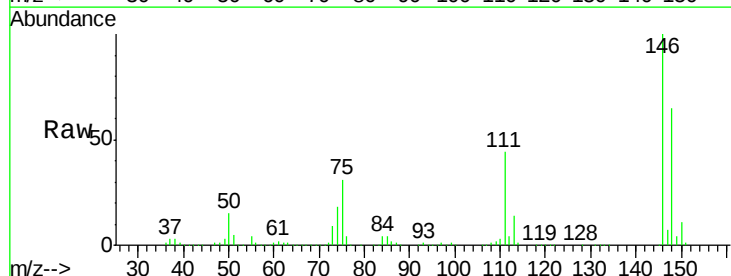
RT: 6.83 min Scan# 393

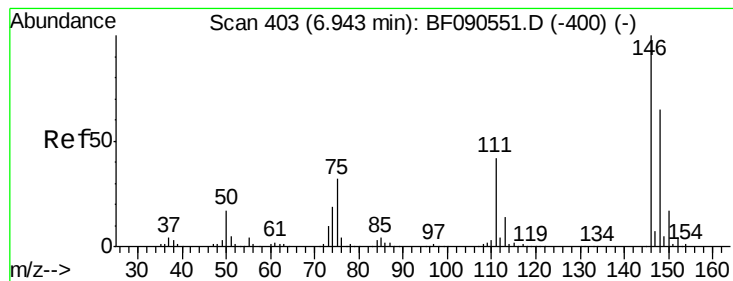
Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion:	146	Resp:	529732
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.4	77.2
75	31.3	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 32.69 ng

RT: 6.91 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

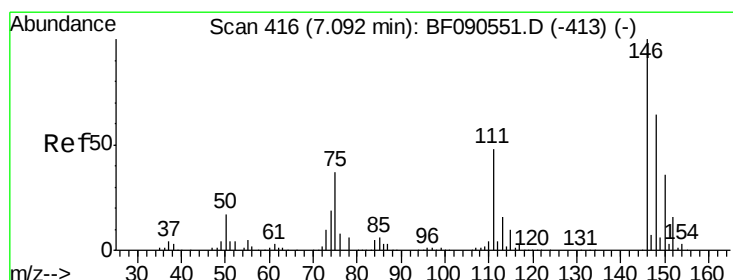
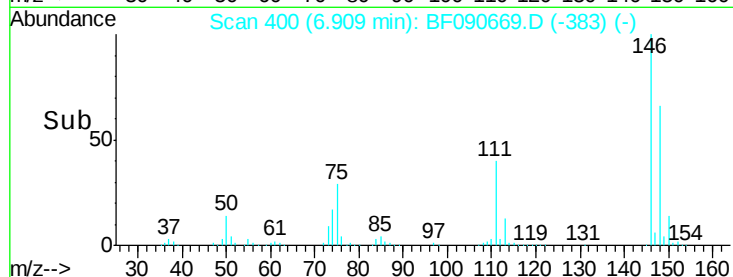
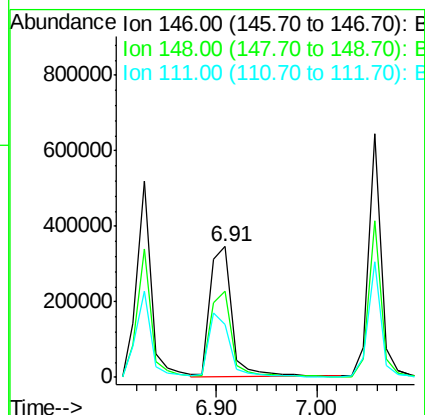
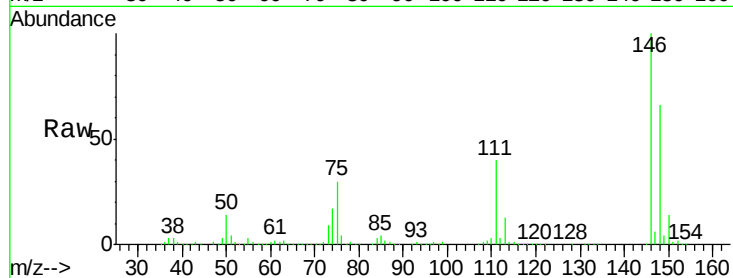
ClientSampled :

PB94156BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
111	40.4	33.7	50.5

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#14

1,2-Dichlorobenzene

Concen: 37.91 ng

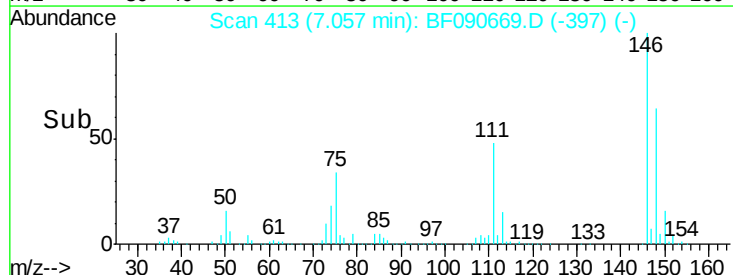
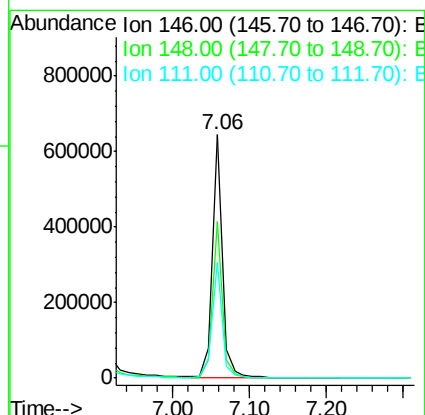
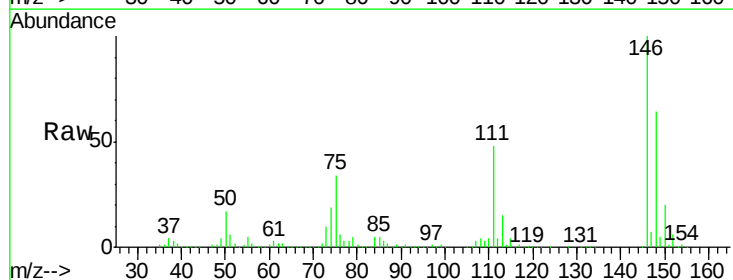
RT: 7.06 min Scan# 413

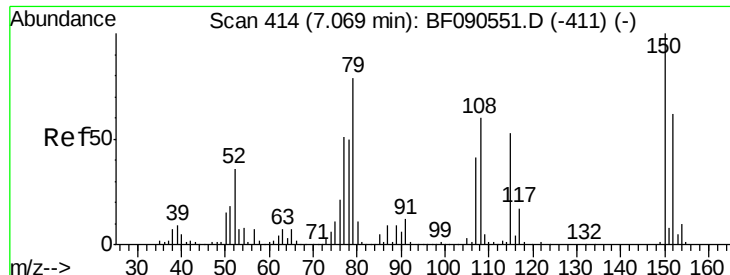
Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	47.6	38.2	57.2





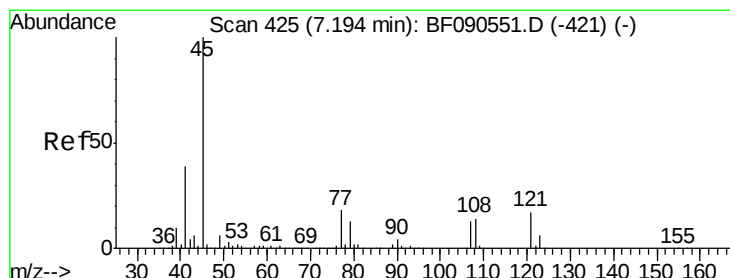
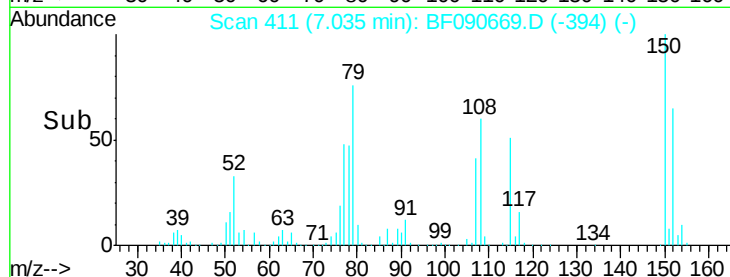
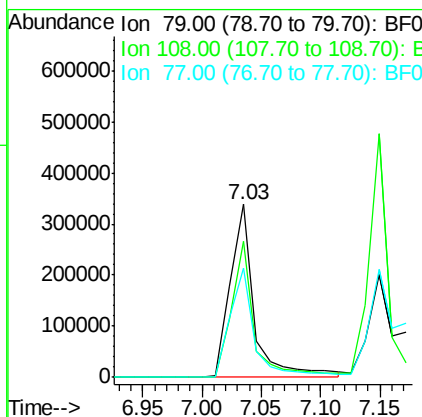
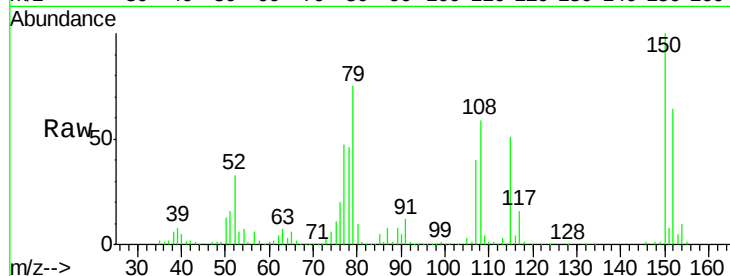
#15
Benzyl Alcohol
Concen: 41.68 ng
RT: 7.03 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampled :
PB94156BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.0	60.2	90.4
77	63.1	52.0	78.0

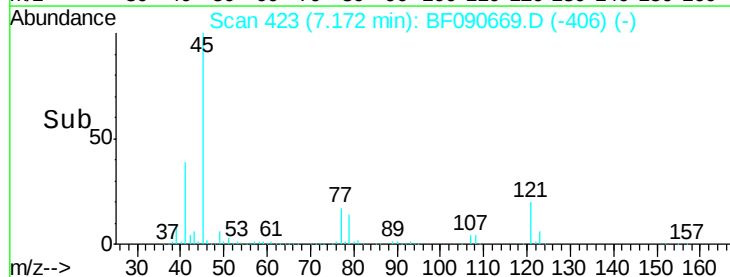
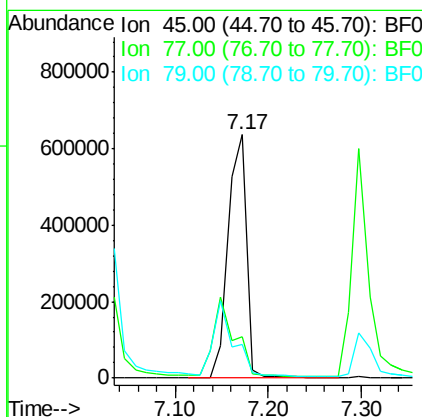
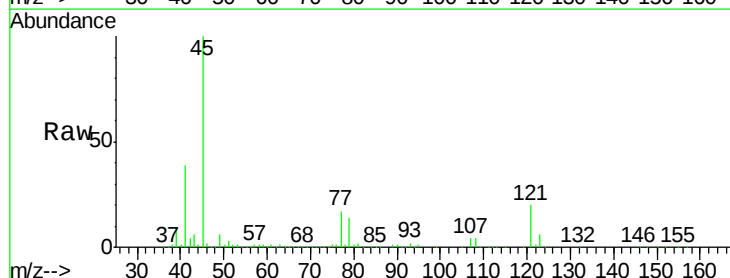
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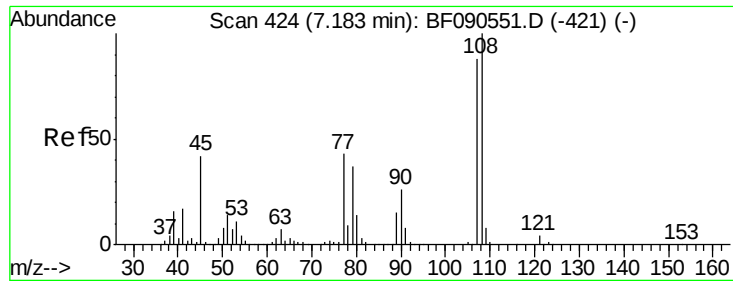
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.50 ng
RT: 7.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.9	40.9
79	13.9	0.0	37.3





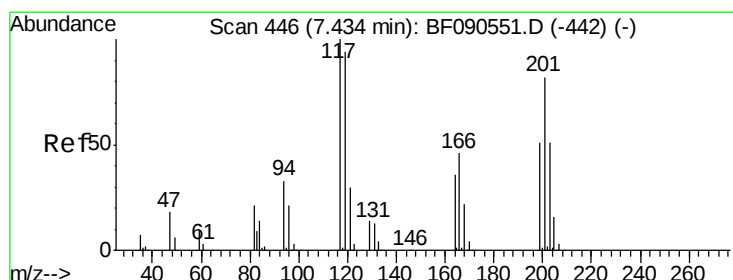
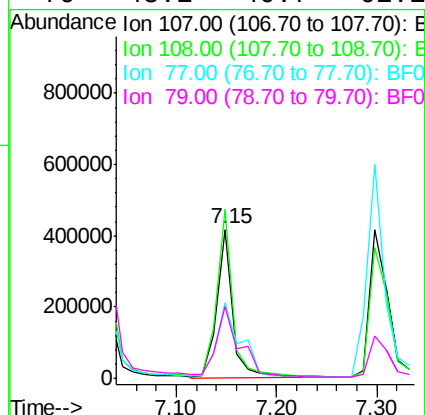
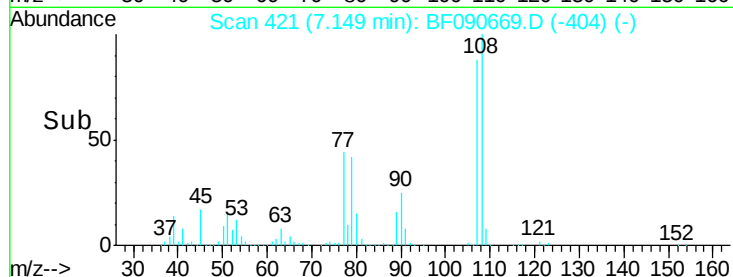
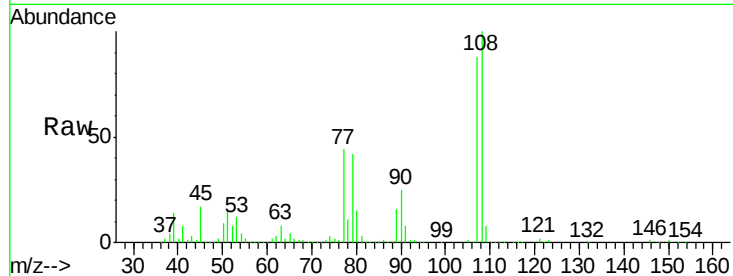
#17
2-Methylphenol
Concen: 39.79 ng
RT: 7.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampled :
PB94156BS

Tot Ion:	107	Resp:	456926
Ion Ratio	Lower	Upper	
107	100		
108	113.8	92.6	138.8
77	50.5	42.2	63.2
79	48.1	40.7	61.1

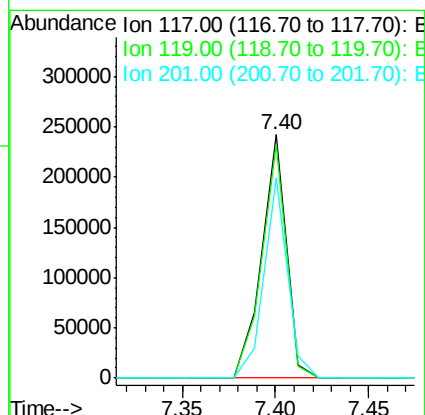
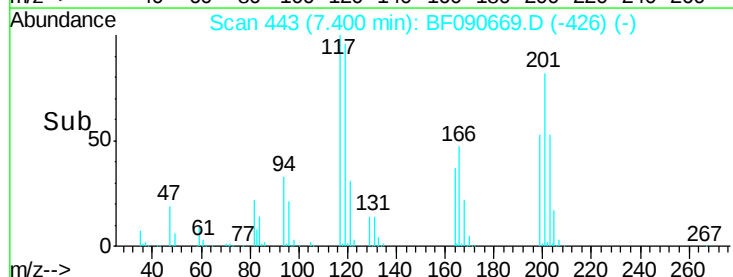
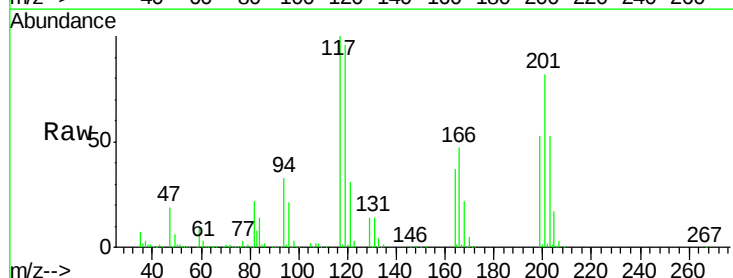
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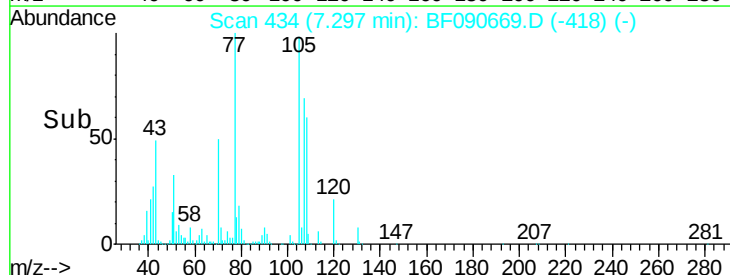
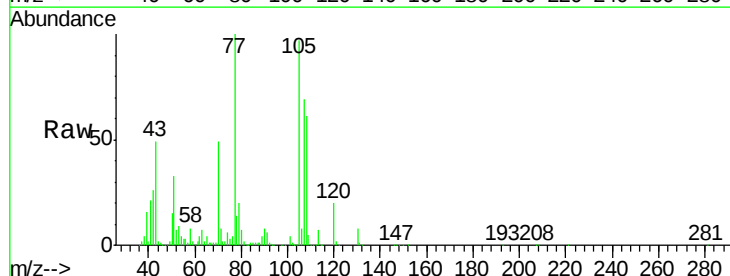
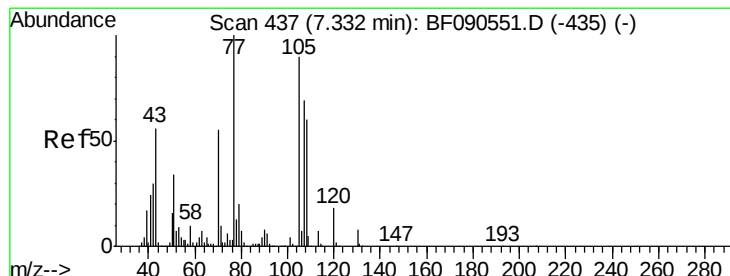
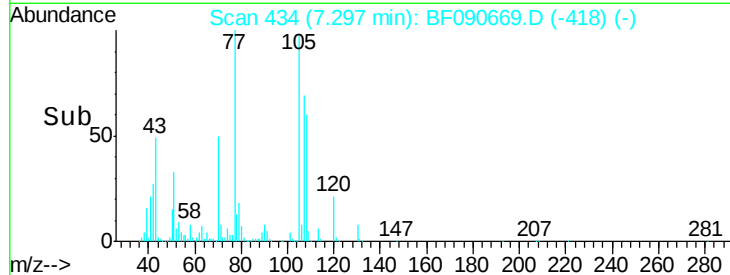
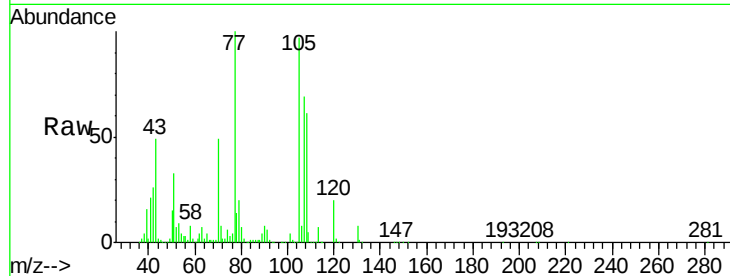
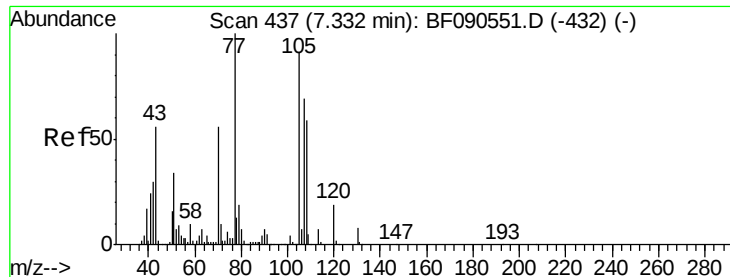
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#18
Hexachloroethane
Concen: 34.79 ng
RT: 7.40 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

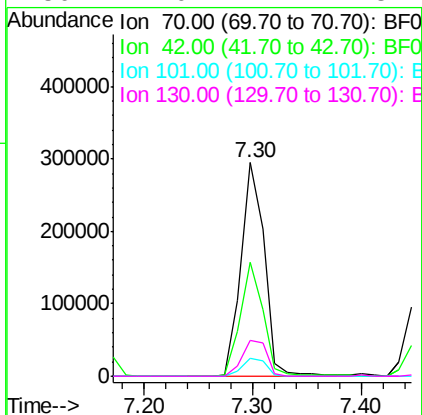
Tgt Ion:	117	Resp:	219779
Ion Ratio	Lower	Upper	
117	100		
119	95.7	75.6	113.4
201	82.4	65.4	98.0





#19
n-Nitroso-di-n-propylamine
Concen: 37.78 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tot Ion	70	Resp	437445
Ion Ratio	Lower	Upper	
70	100		
42	53.6	43.4	65.0
101	8.4	6.4	9.6
130	17.0	12.1	18.1



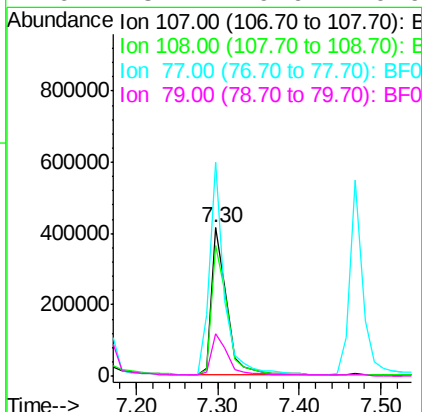
Instrument :
BNA_F
ClientSampleId :
PB94156BS

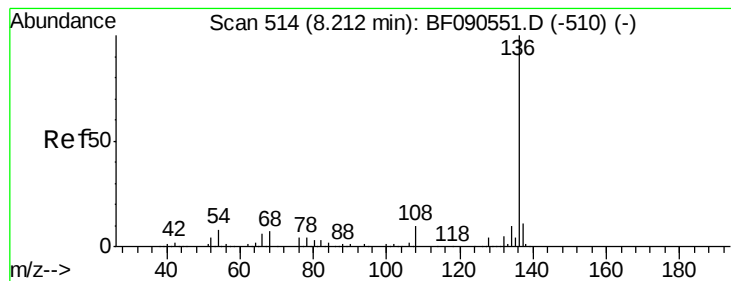
Manual Integrations
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#20
3+4-Methylphenols
Concen: 38.93 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	107	Resp	541946
Ion Ratio	Lower	Upper	
107	100		
108	87.8	67.7	107.7
77	144.3	123.1	163.1
79	28.4	9.6	49.6





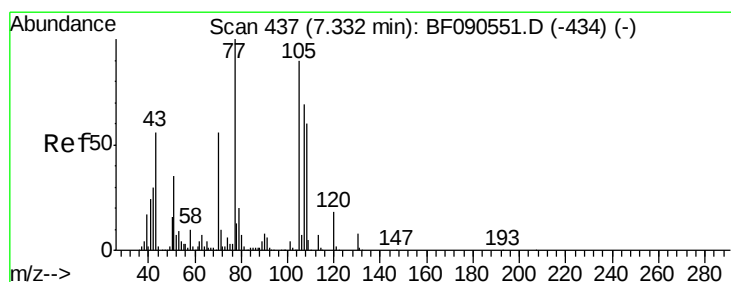
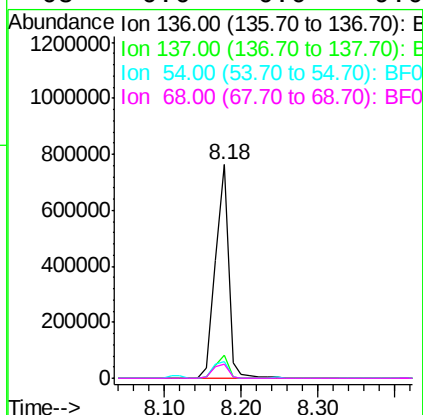
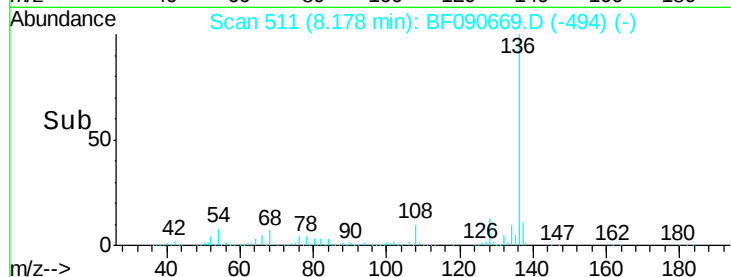
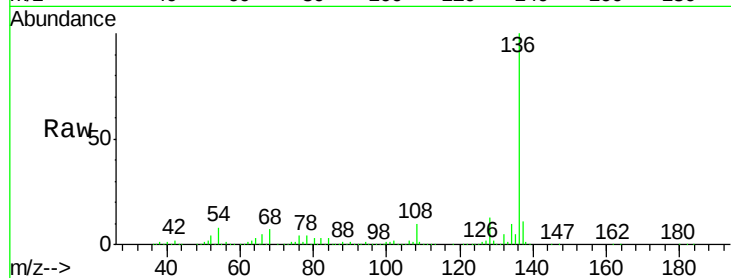
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	909860		
137	10.9		8.8	13.2
54	7.7		6.8	10.2
68	6.6		6.0	9.0

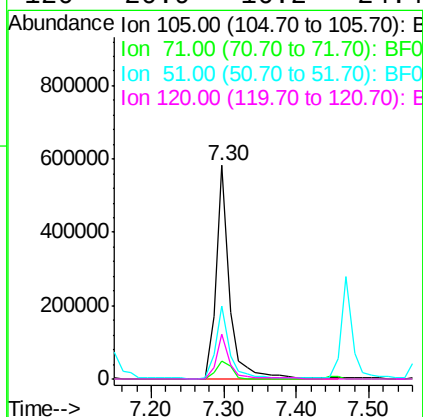
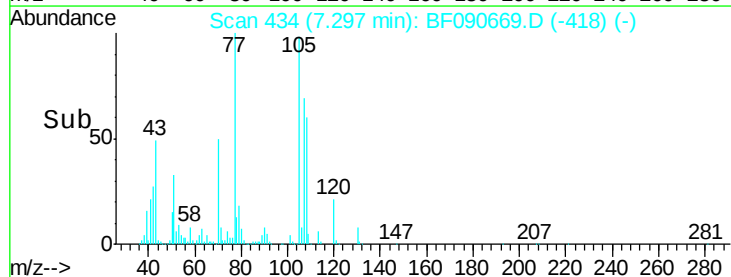
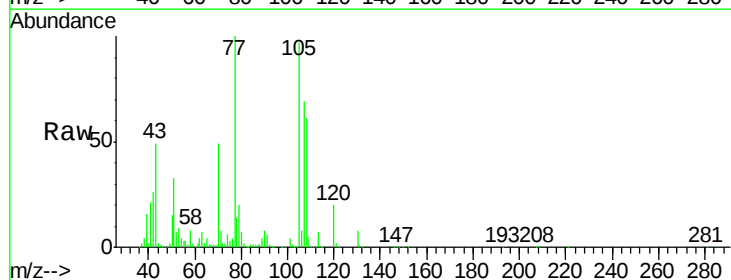
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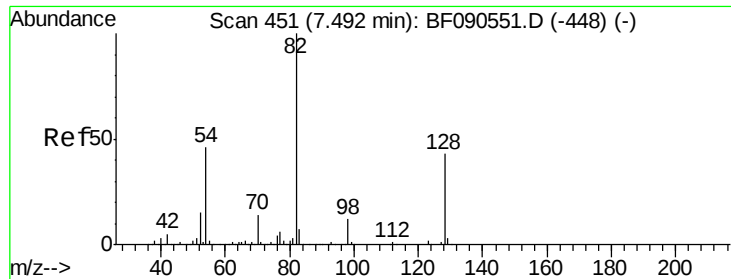
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#22
Acetophenone
Concen: 37.31 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	749867		
71	8.5		8.5	12.7
51	34.0		31.0	46.4
120	20.9		16.2	24.4





#23
 Nitrobenzene-d5
 Concen: 74.94 ng
 RT: 7.46 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

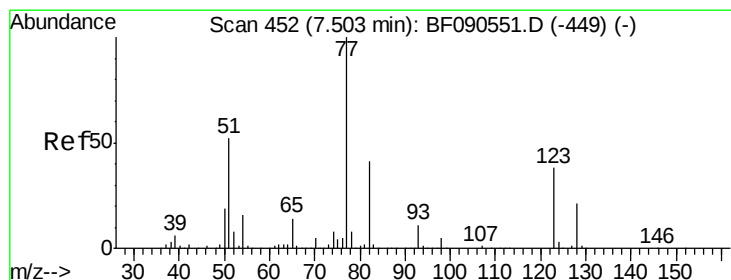
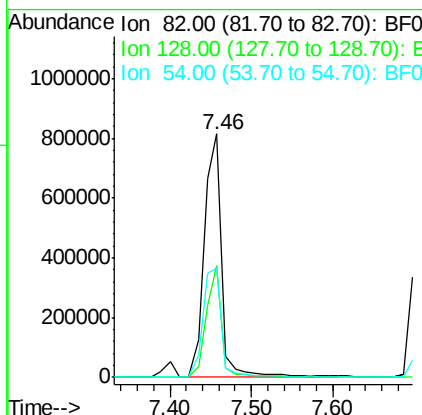
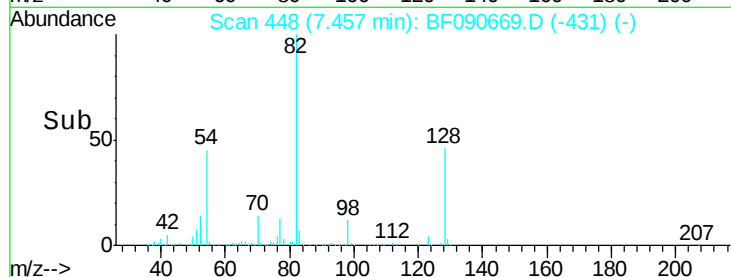
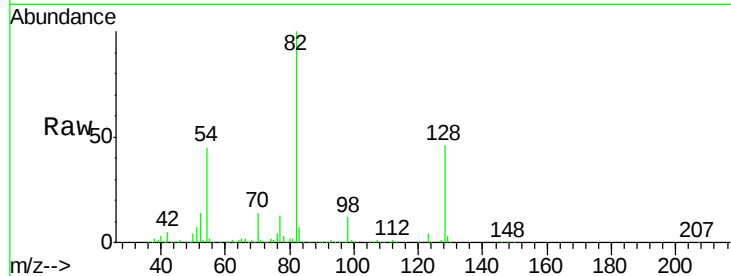
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion: 82 Resp: 1227400

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.3	51.5
54	44.9	37.0	55.6

Manual Integrations
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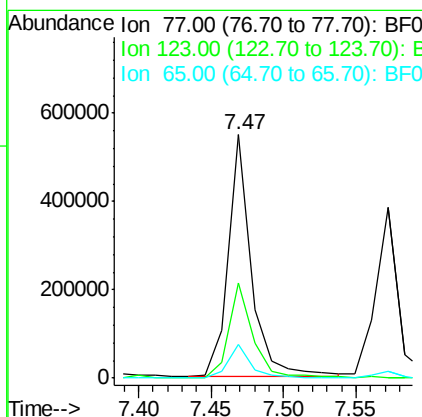
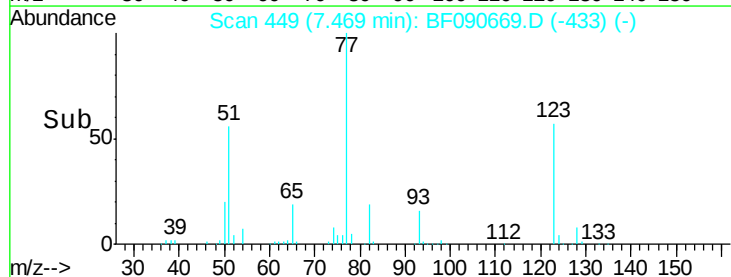
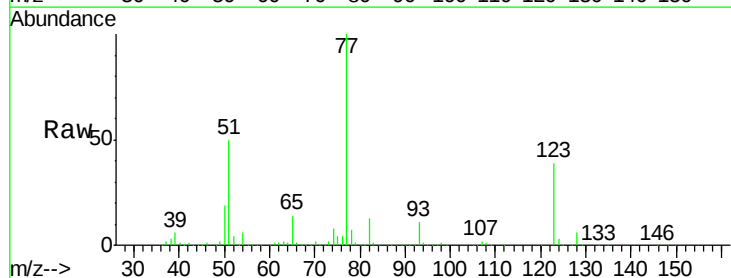
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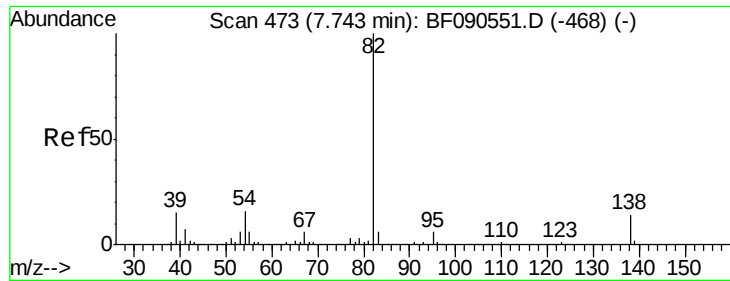


#24
 Nitrobenzene
 Concen: 35.96 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion: 77 Resp: 604540

Ion	Ratio	Lower	Upper
77	100		
123	39.0	29.8	44.6
65	13.9	10.9	16.3





#25

Isophorone

Concen: 38.36 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampled :

PB94156BS

Tot Ion: 82 Resp: 1143604

Ion Ratio Lower Upper

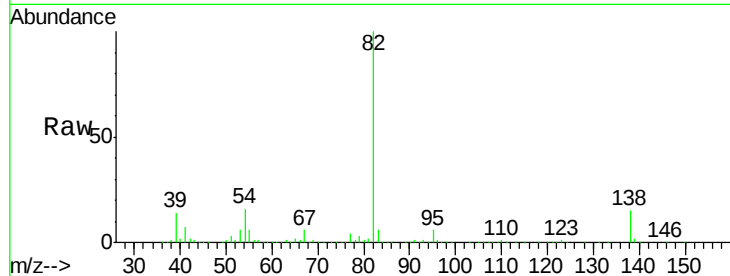
82 100

95 6.5 5.0 7.6

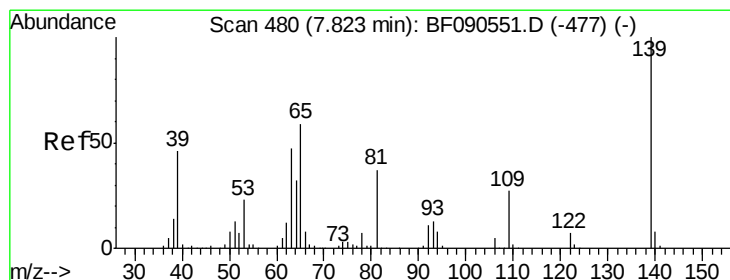
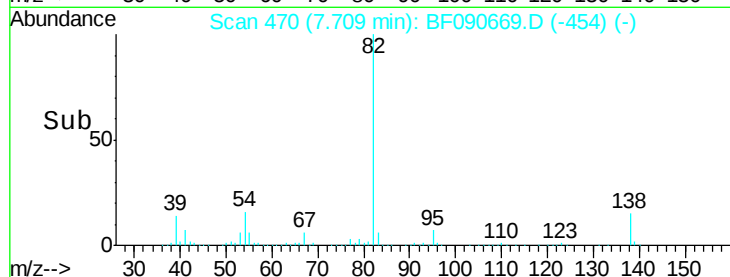
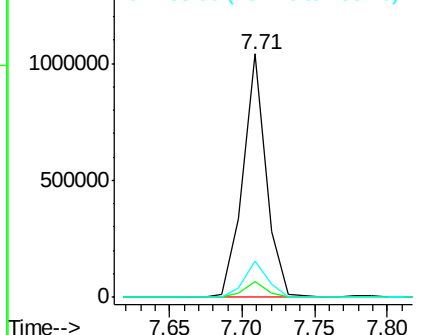
138 15.1 11.5 17.3

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 32.01 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

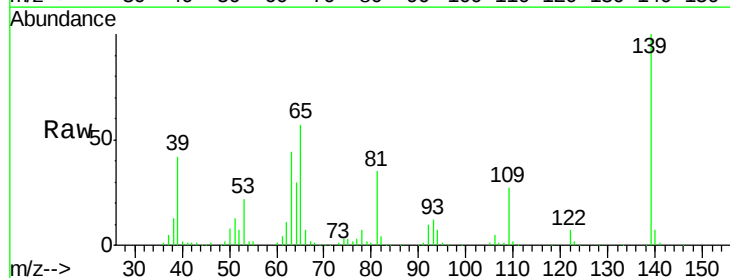
Tgt Ion: 139 Resp: 244084

Ion Ratio Lower Upper

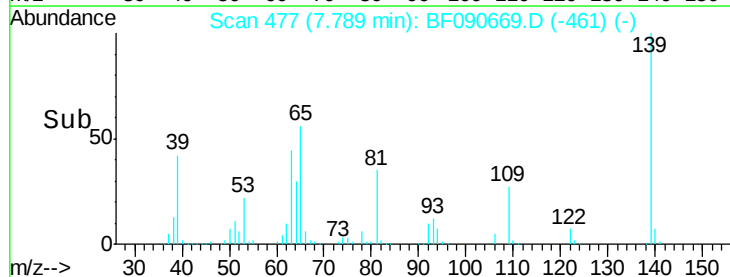
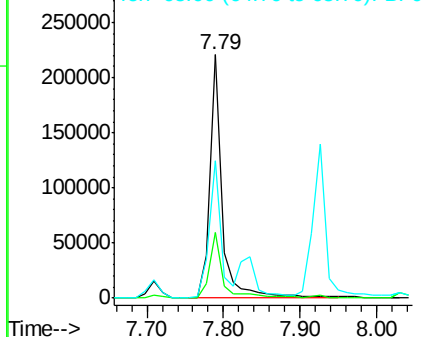
139 100

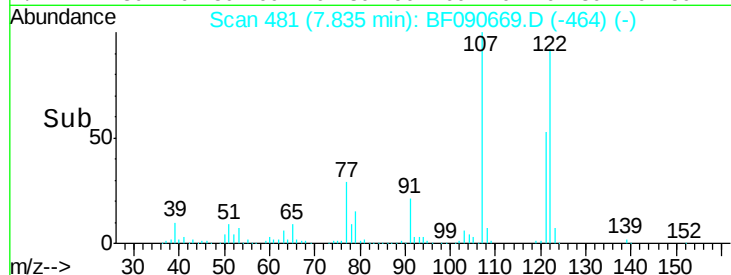
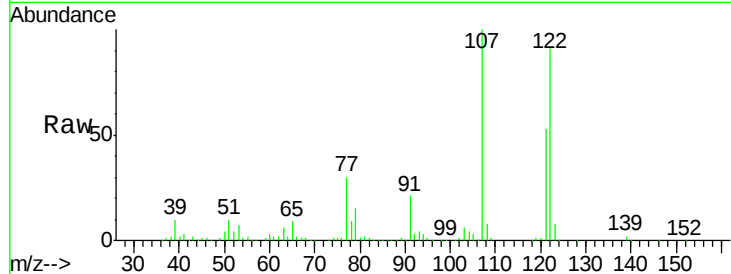
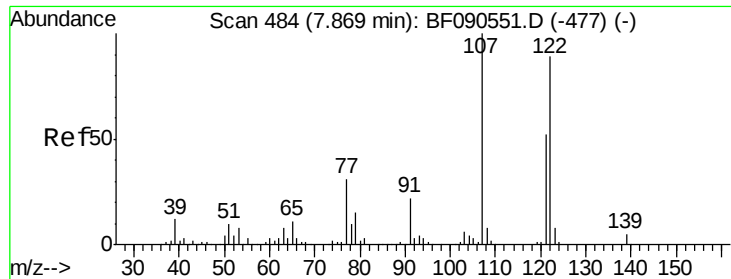
109 26.9 21.8 32.6

65 56.7 47.7 71.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





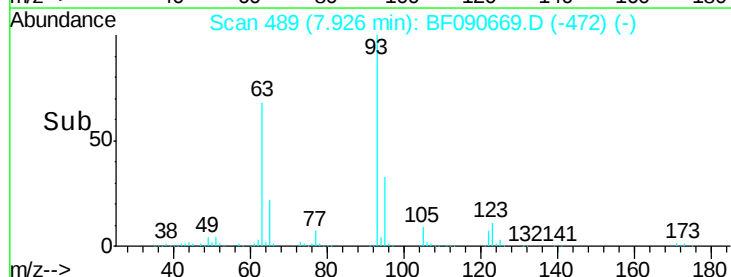
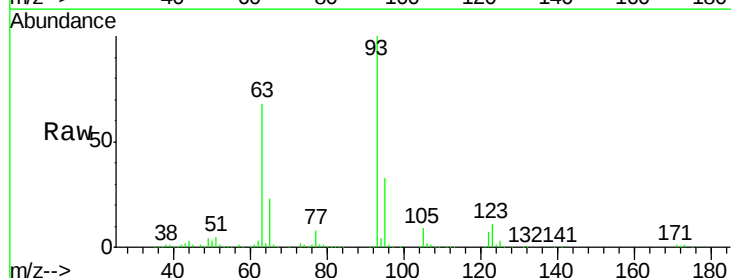
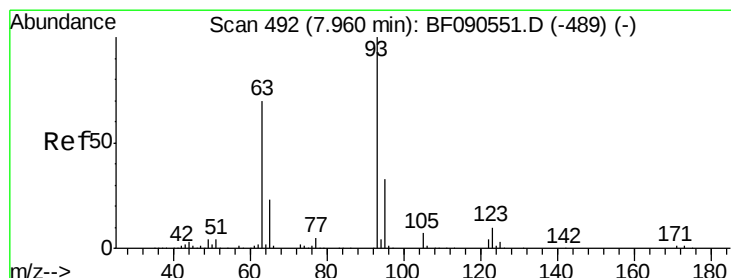
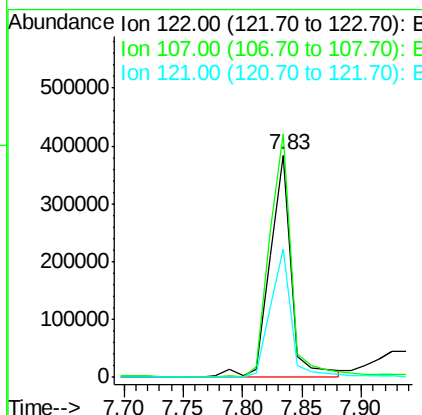
#27
2,4-Dimethylphenol
Concen: 38.25 ng
RT: 7.83 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tot Ion	Ratio	Resp	Lower	Upper
122	100	484017		
107	109.7	89.8	134.6	
121	57.8	46.1	69.1	

Instrument :
BNA_F
ClientSampled :
PB94156BS

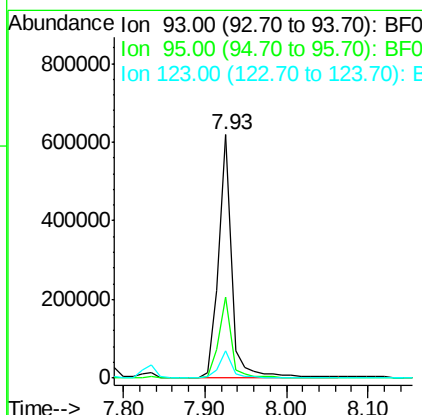
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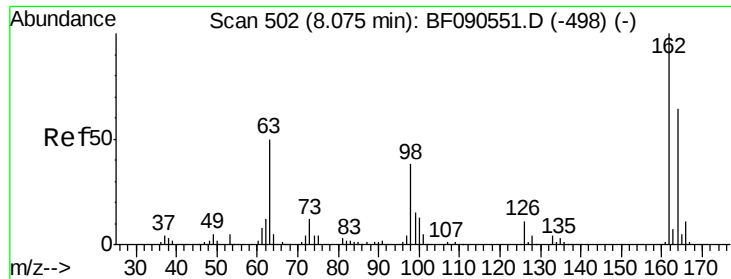
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#28
bis(2-Chloroethoxy)methane
Concen: 39.42 ng
RT: 7.93 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	693910		
95	33.2	26.2	39.2	
123	11.2	8.6	13.0	





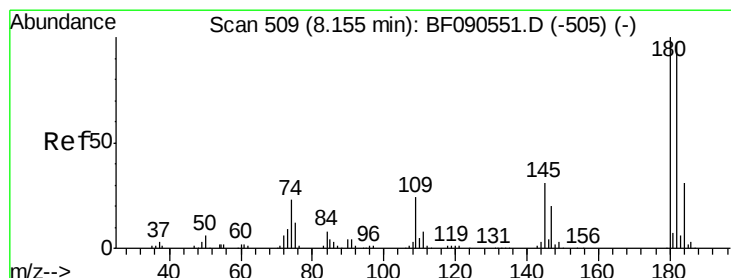
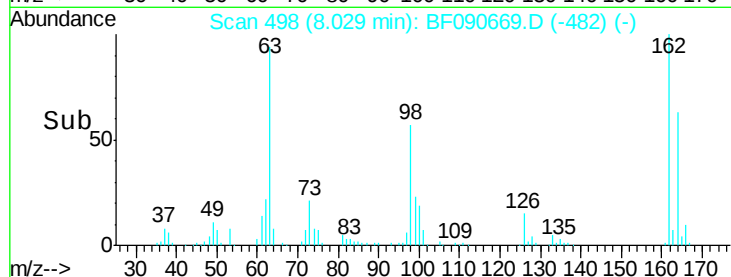
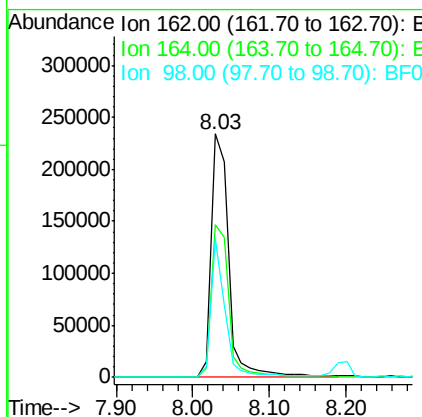
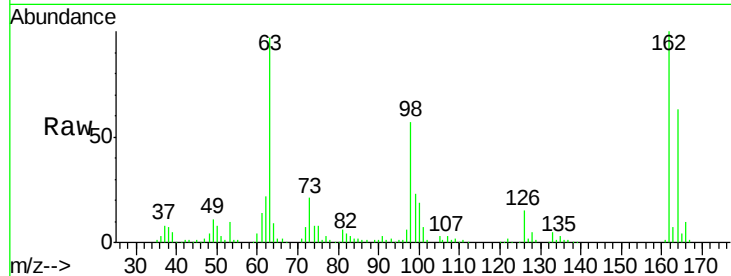
#29
2,4-Dichlorophenol
Concen: 33.42 ng
RT: 8.03 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.0	44.0	84.0
98	56.7	18.0	58.0

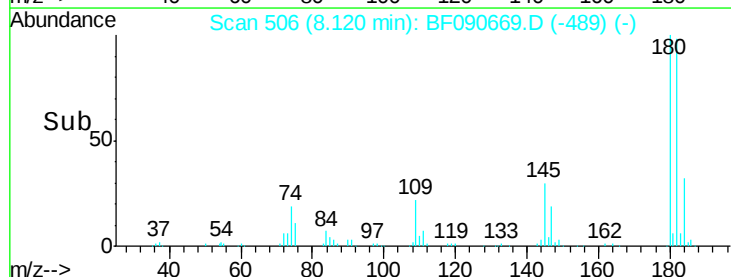
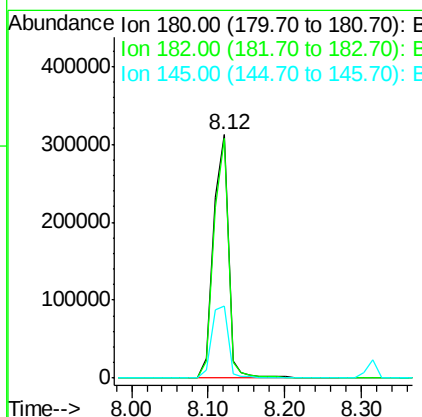
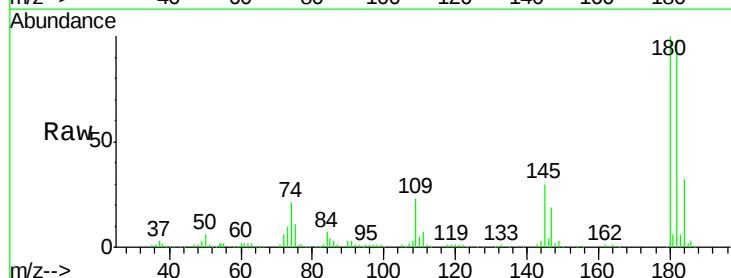
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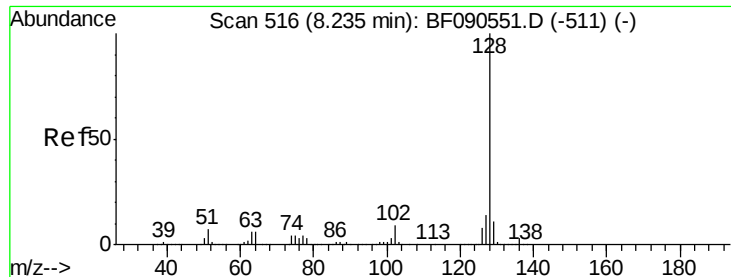
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#30
1,2,4-Trichlorobenzene
Concen: 32.57 ng
RT: 8.12 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.5	77.2	115.8
145	29.7	24.4	36.6





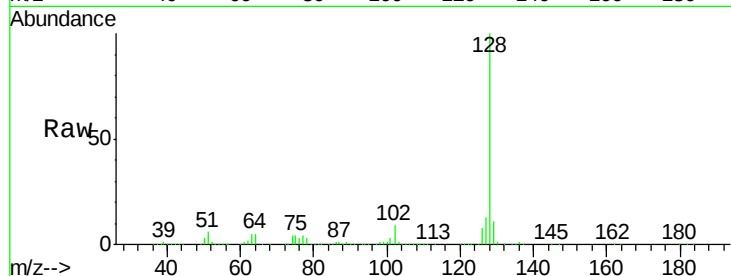
#31
Naphthalene
Concen: 34.05 ng
RT: 8.20 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

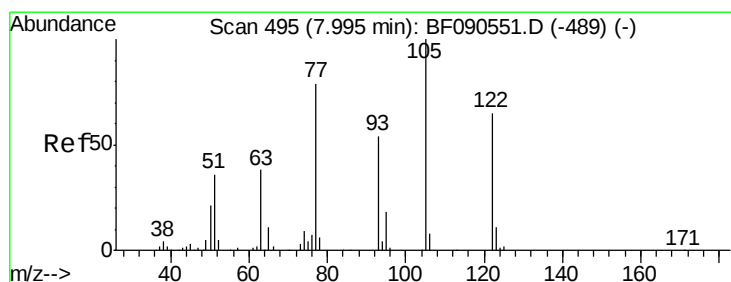
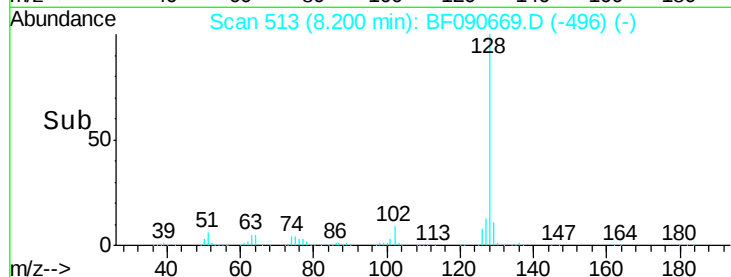
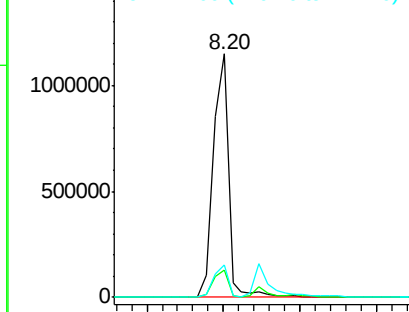
Tot Ion:128 Resp: 1578046
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.8 16.2

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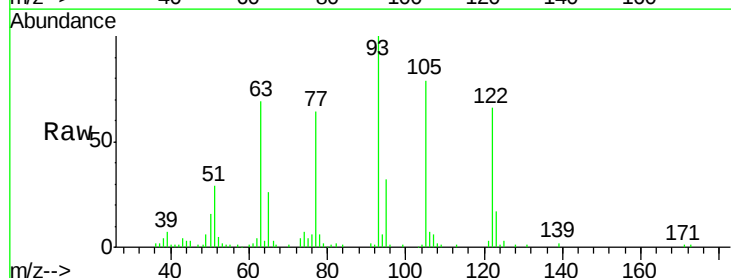


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

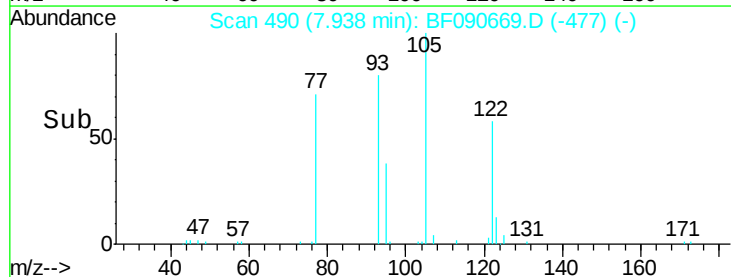
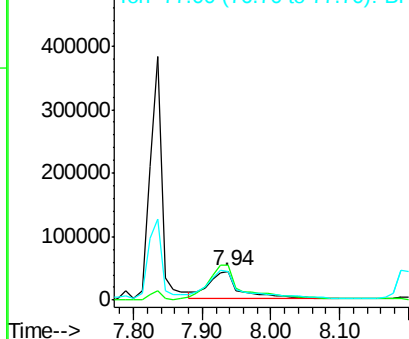


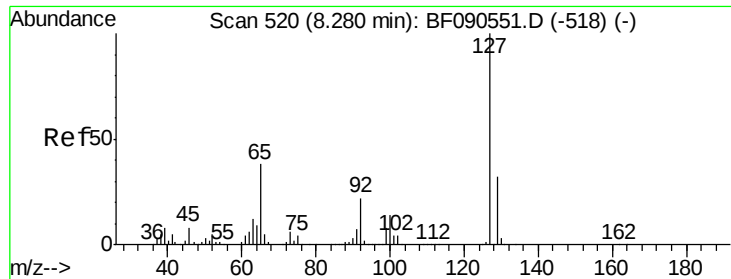
#32
Benzoic acid
Concen: 17.84 ng
RT: 7.94 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion:122 Resp: 138673
Ion Ratio Lower Upper
122 100
105 119.7 101.1 141.1
77 97.1 84.7 124.7



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





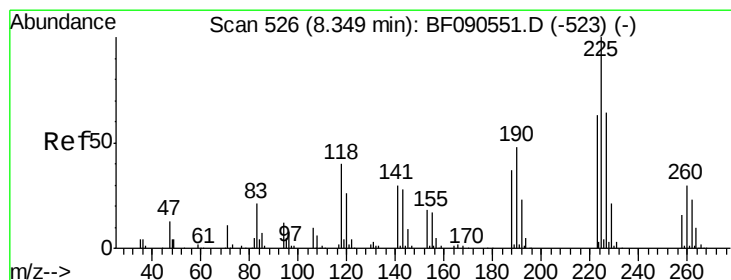
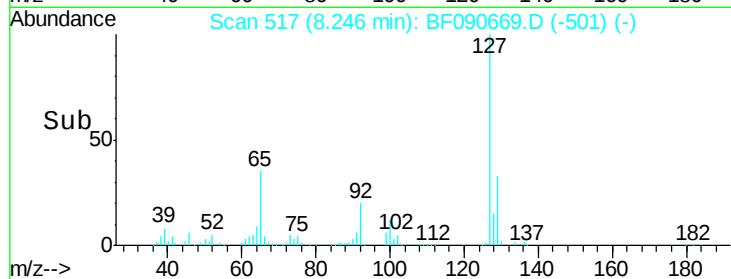
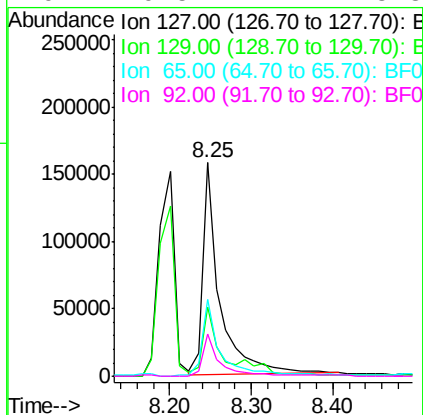
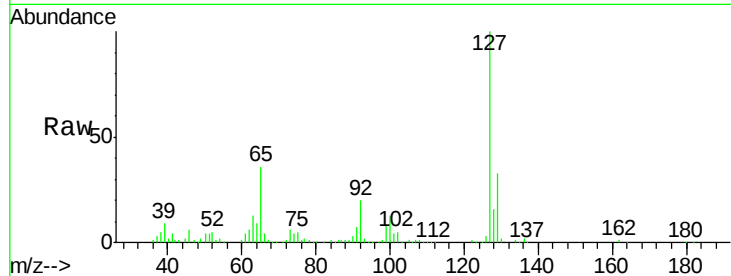
#33
4-Chloroaniline
Concen: 13.08 ng
RT: 8.25 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampled :
PB94156BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		231741		
129	32.6	26.2	39.2		
65	35.8	30.1	45.1		
92	19.5	17.2	25.8		

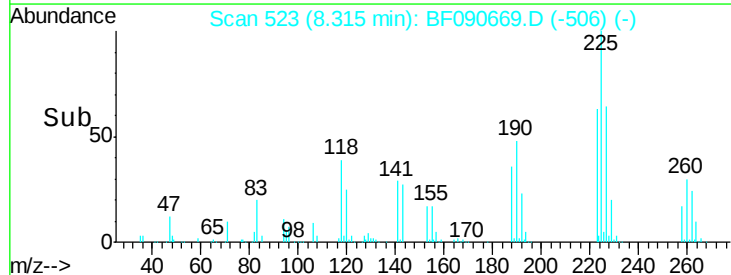
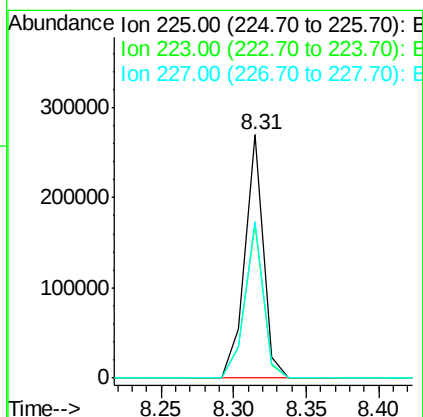
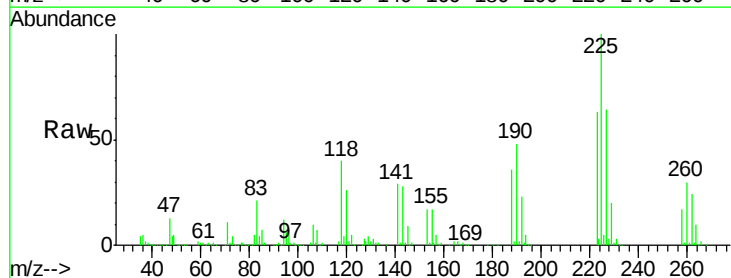
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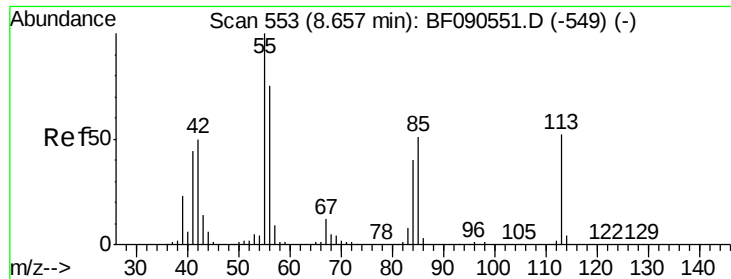
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#34
Hexachlorobutadiene
Concen: 33.02 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		239539		
223	63.3	50.6	76.0		
227	64.4	51.4	77.2		





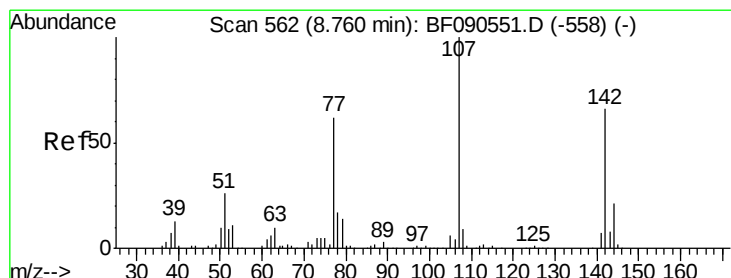
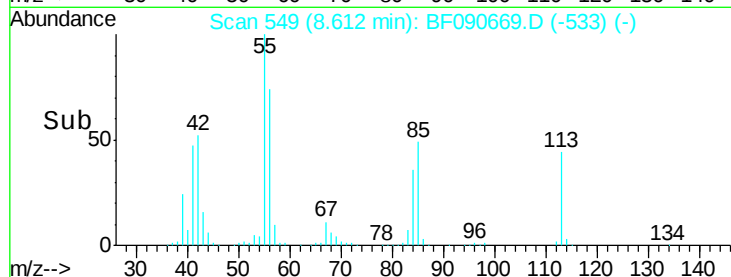
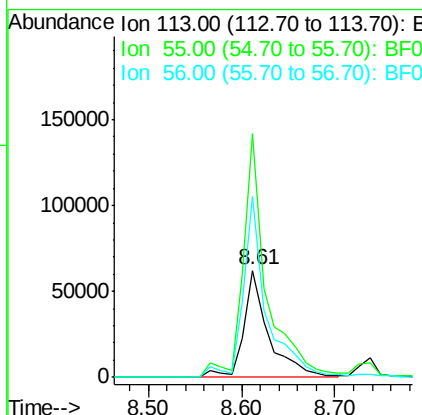
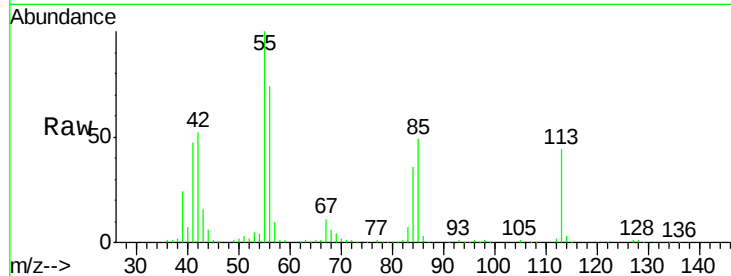
#35
Caprolactam
Concen: 37.42 ng
RT: 8.61 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion:113 Resp: 115773
Ion Ratio Lower Upper
113 100
55 227.0 170.8 210.8#
56 168.4 122.4 162.4#

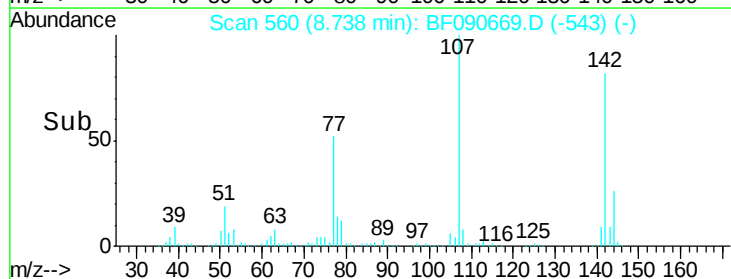
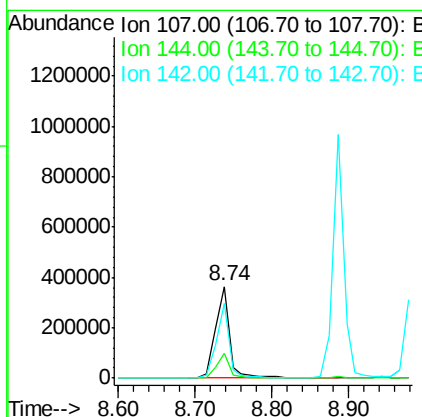
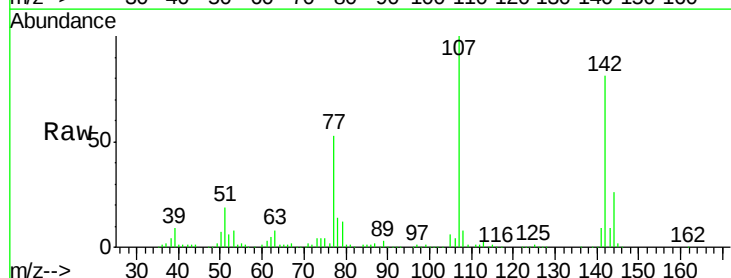
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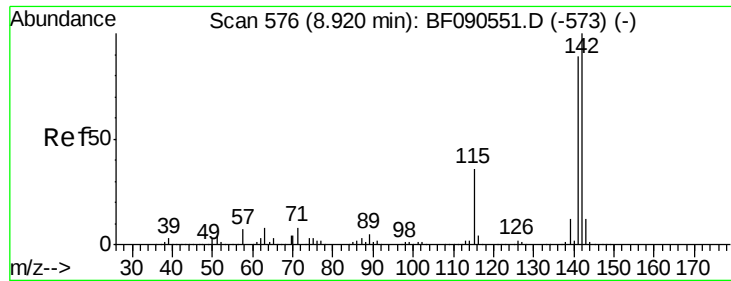
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#36
4-Chloro-3-methylphenol
Concen: 36.46 ng
RT: 8.74 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion:107 Resp: 466319
Ion Ratio Lower Upper
107 100
144 26.4 16.9 25.3#
142 81.5 52.5 78.7#





#37

2-Methylnaphthalene

Concen: 35.10 ng

RT: 8.89 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

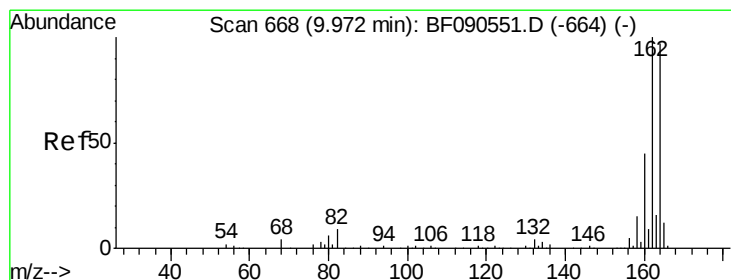
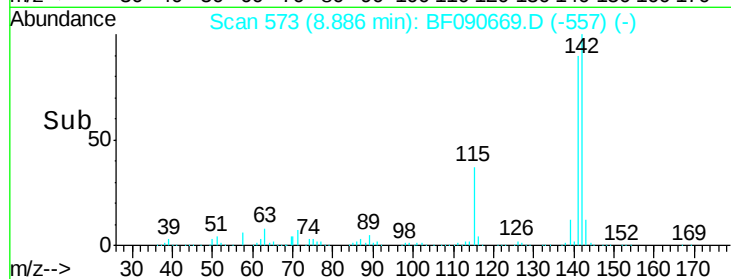
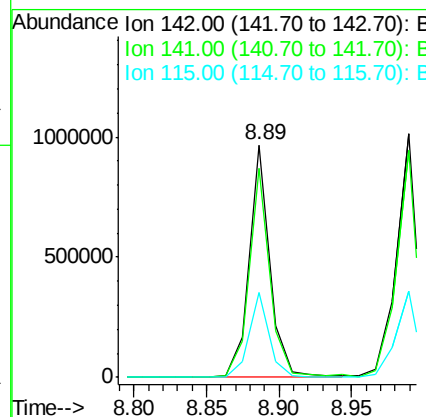
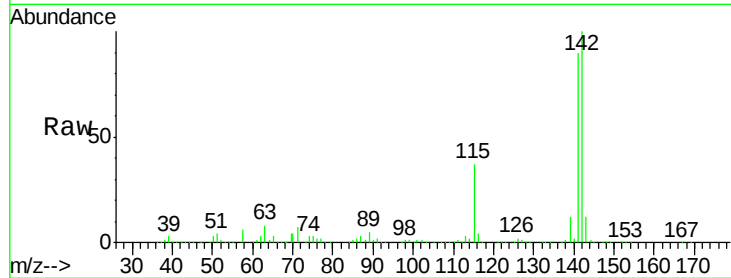
ClientSampleId :

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Tot Ion:	142	Resp:	955576
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.3	106.9
115	36.7	28.8	43.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

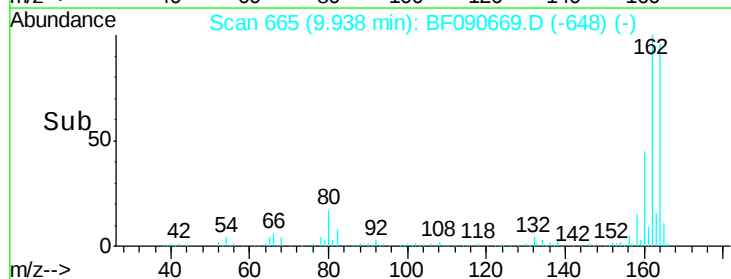
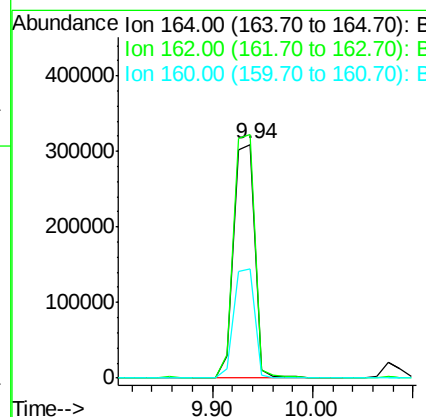
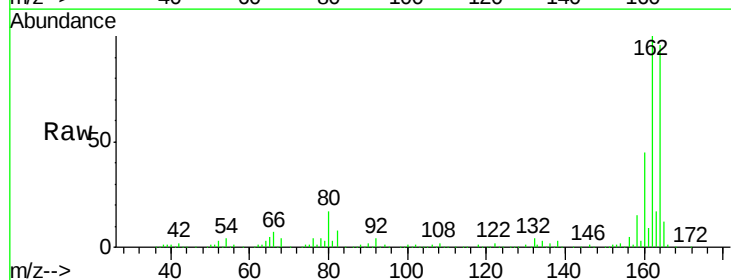
RT: 9.94 min Scan# 665

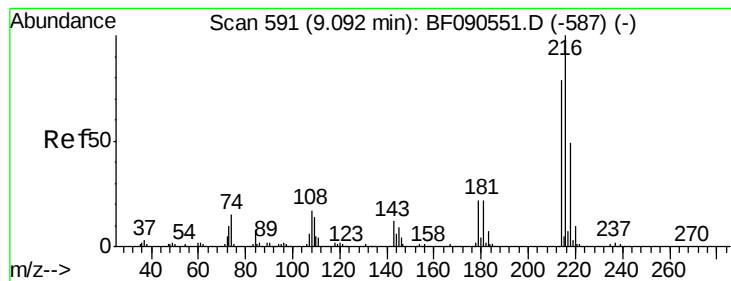
Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion:	164	Resp:	453740
Ion Ratio	Lower	Upper	
164	100		
162	104.1	82.2	123.4
160	46.6	36.6	55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.45 ng

RT: 9.06 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

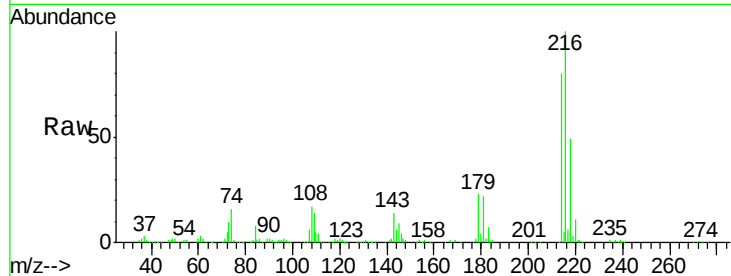
ClientSampleId :

PB94156BS

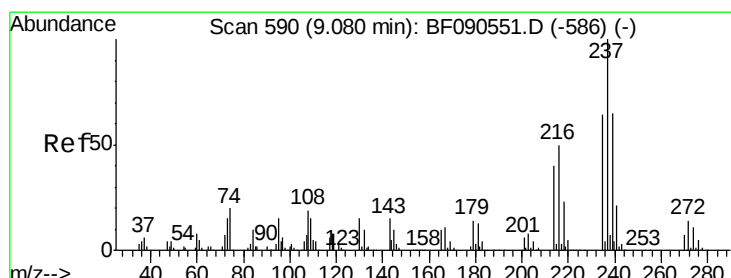
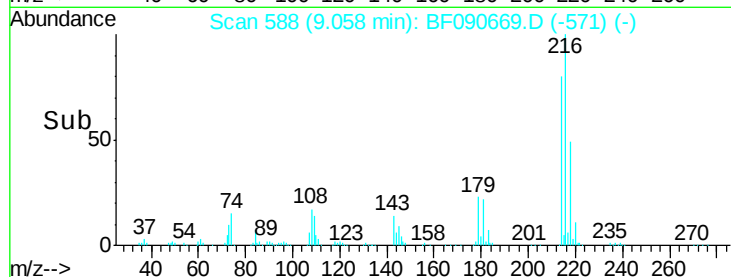
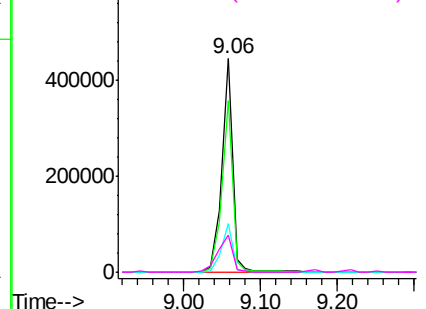
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		438461		
214	80.0		63.5	95.3	
179	23.4		18.9	28.3	
108	22.6		17.8	26.6	

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Abundance Ion 216.00 (215.70 to 216.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.75 ng

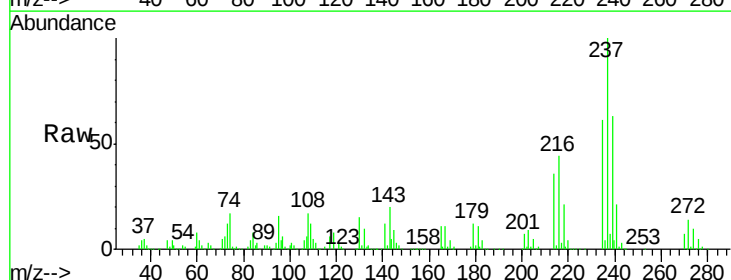
RT: 9.05 min Scan# 587

Delta R.T. 0.00 min

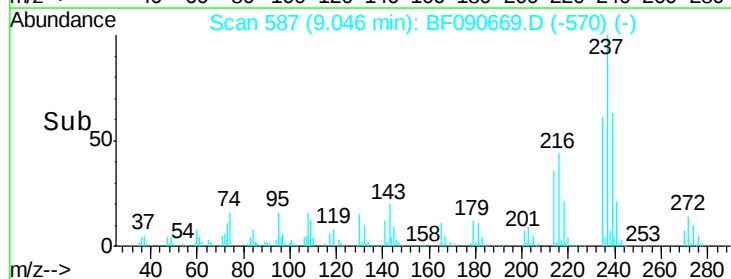
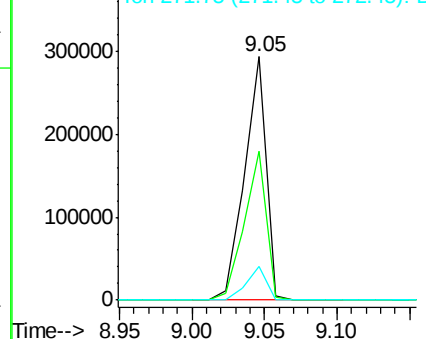
Lab File: BF090669.D

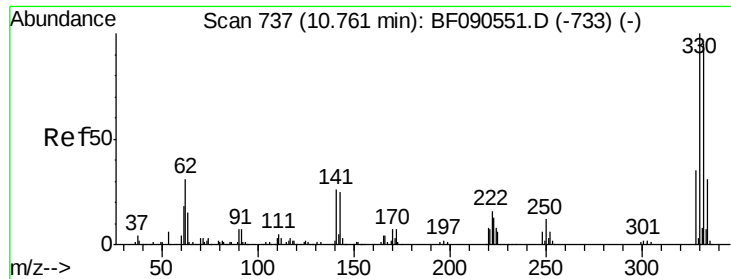
Acq: 20 Oct 2016 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		304123		
235	61.0		43.8	83.8	
272	13.8		0.0	33.7	



Abundance Ion 236.80 (236.50 to 237.50): E





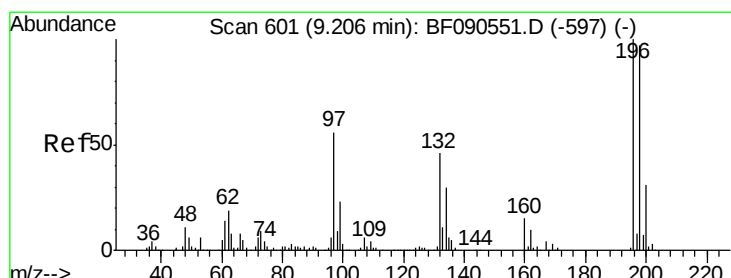
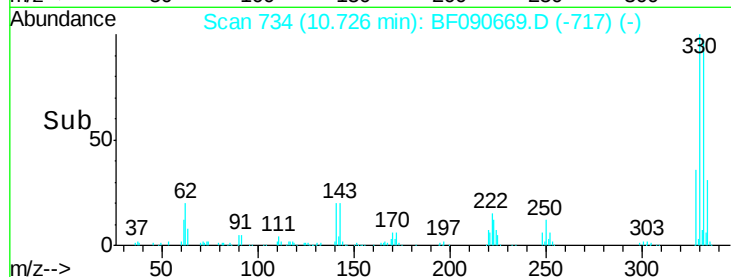
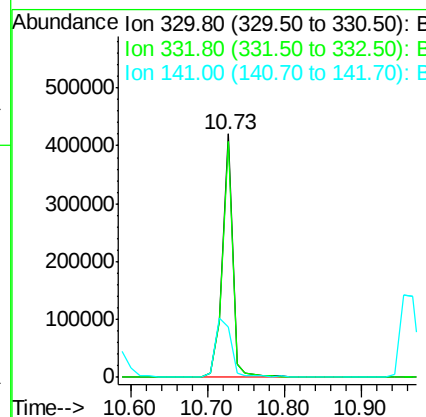
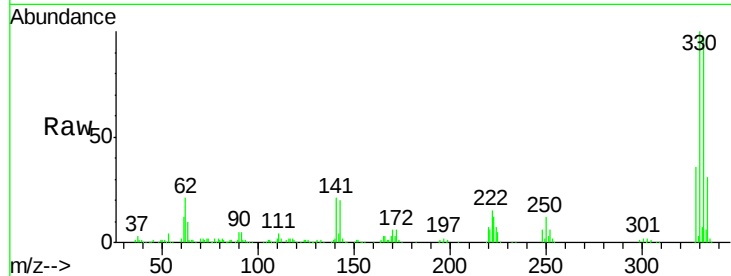
#41
 2,4,6-Tribromophenol
 Concen: 97.76 ng
 RT: 10.73 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampled :
 PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	395452		
332	96.9	76.2	114.2	
141	36.2	31.4	47.2	

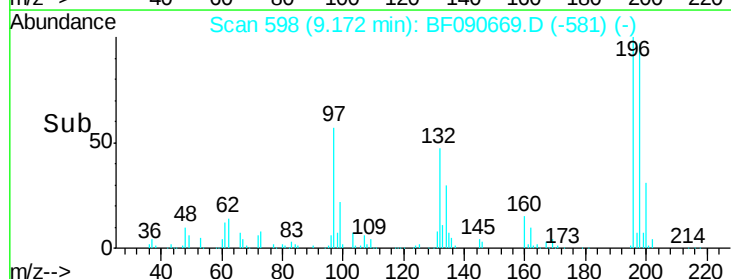
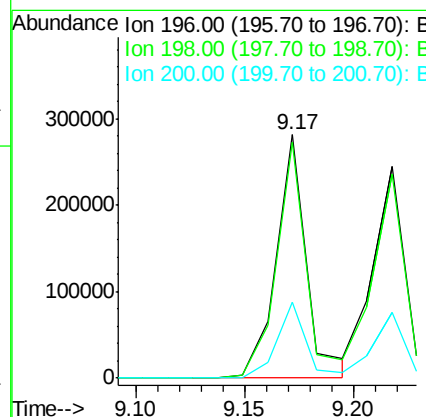
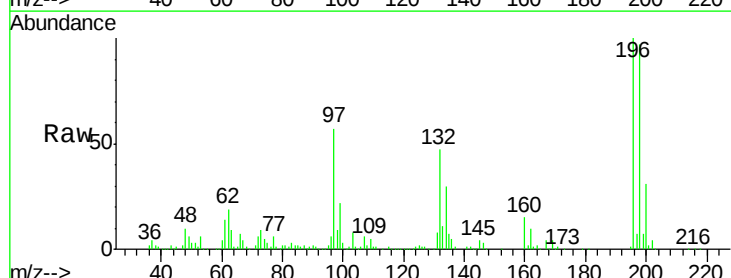
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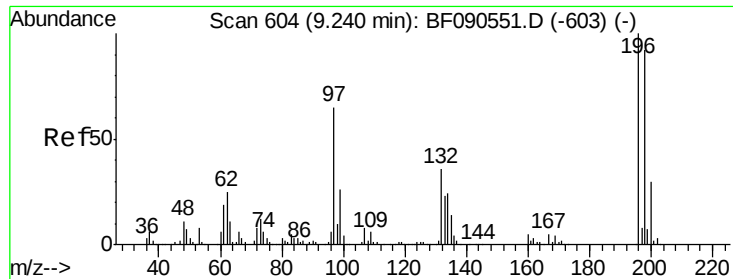
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#42
 2,4,6-Trichlorophenol
 Concen: 40.64 ng
 RT: 9.17 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275774		
198	96.7	77.9	116.9	
200	31.1	25.1	37.7	





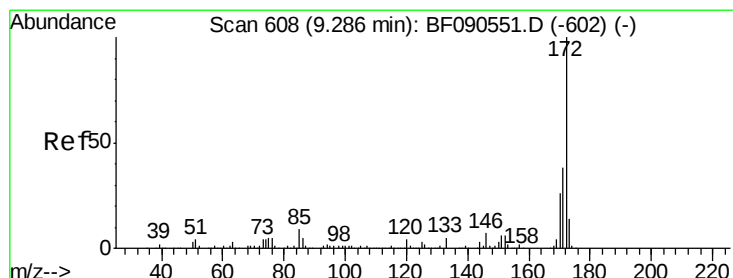
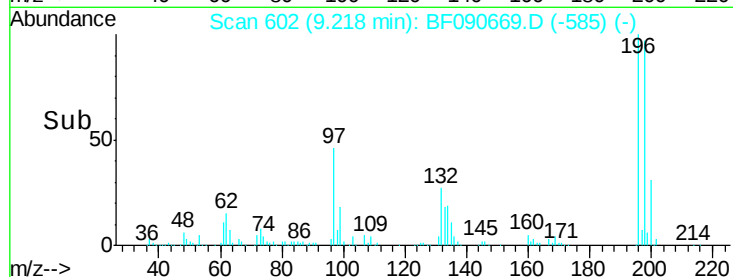
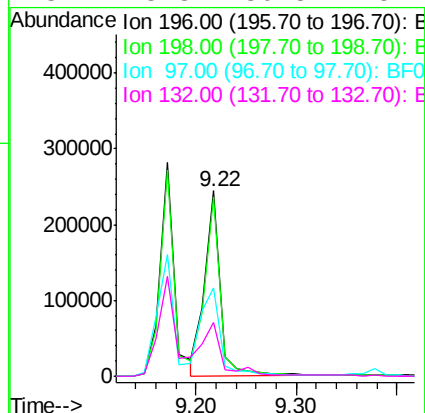
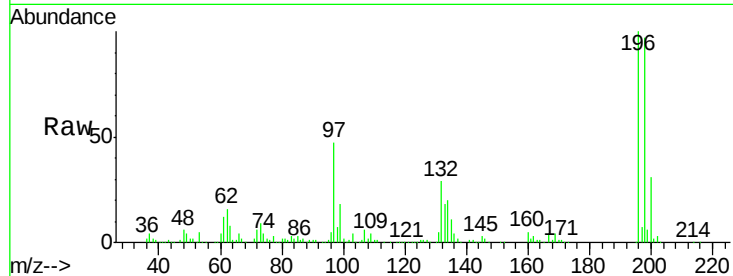
#43
2,4,5-Trichlorophenol
Concen: 32.61 ng
RT: 9.22 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	264018		
198	96.7	74.0	111.0	
97	47.4	54.7	82.1#	
132	28.8	30.5	45.7#	

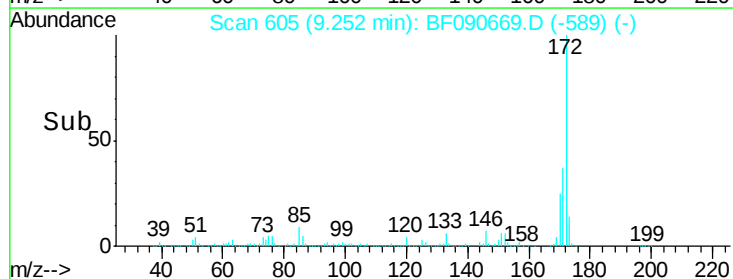
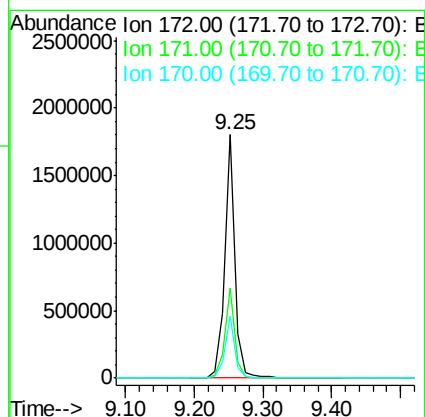
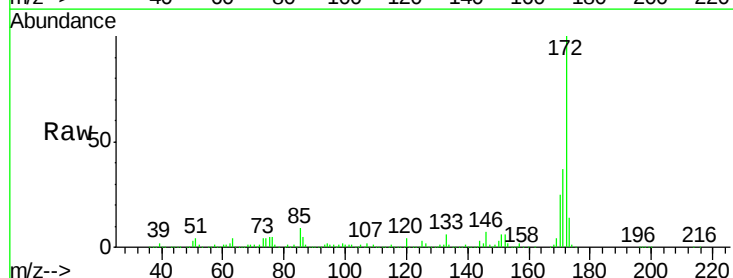
Manual Integrations
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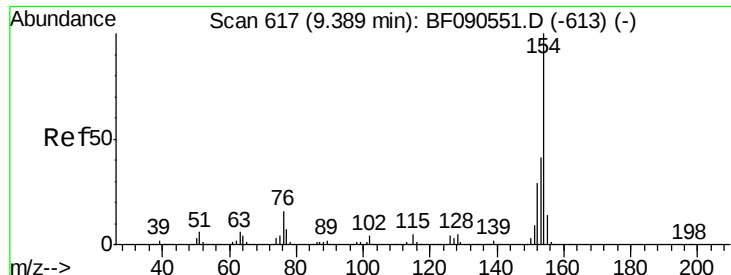
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#44
2-Fluorobiphenyl
Concen: 69.03 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1900823		
171	37.1	30.1	45.1	
170	25.3	20.6	30.8	





#45

1,1'-Biphenyl

Concen: 35.87 ng

RT: 9.35 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:154 Resp: 1238608

Ion Ratio Lower Upper

154 100

153 41.4 21.5 61.5

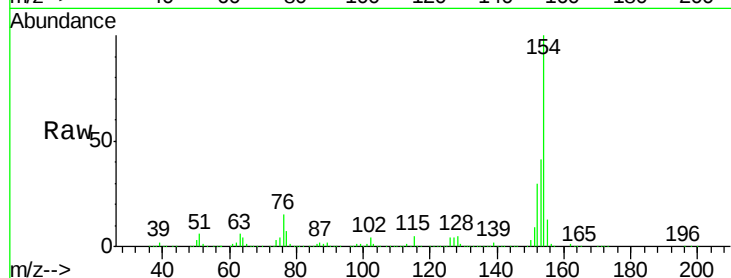
76 15.1 0.0 36.0

Manual Integrations

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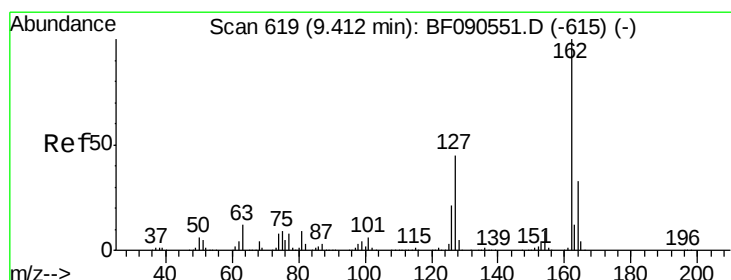
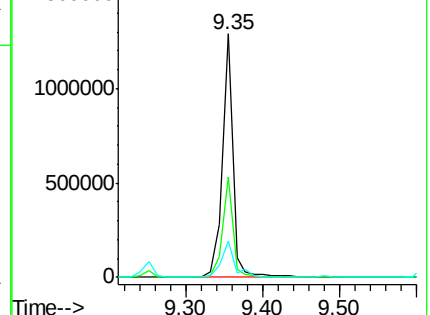
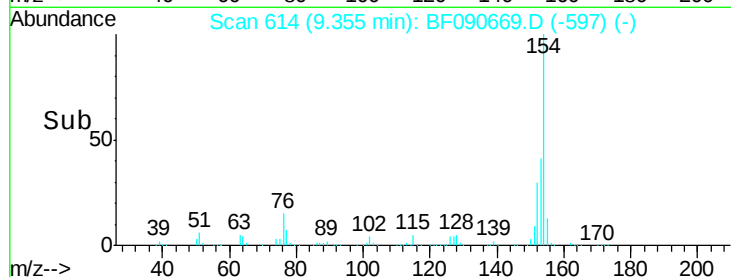
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.11 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

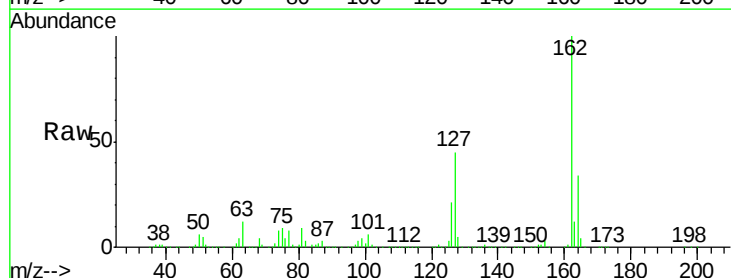
Tgt Ion:162 Resp: 929579

Ion Ratio Lower Upper

162 100

127 44.8 35.9 53.9

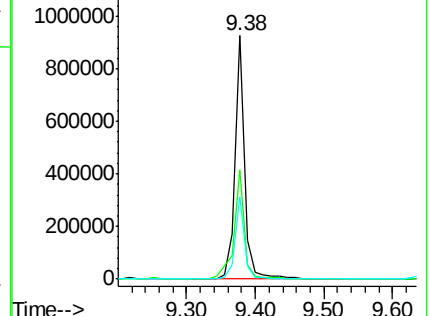
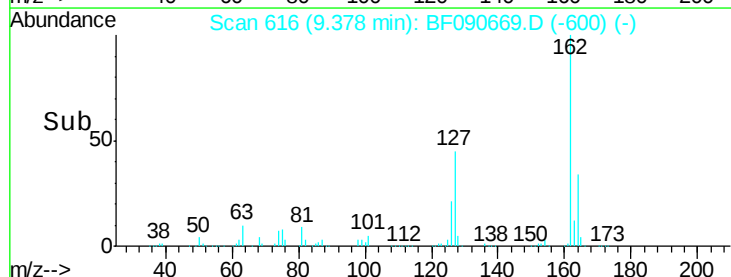
164 33.6 26.7 40.1

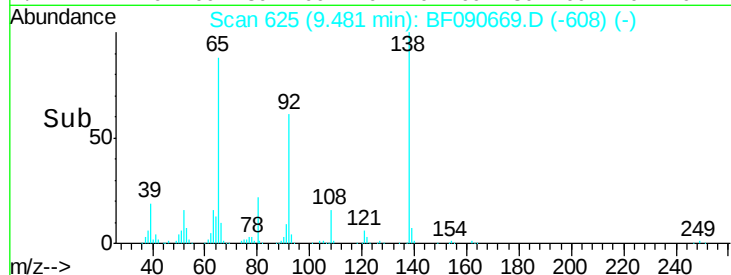
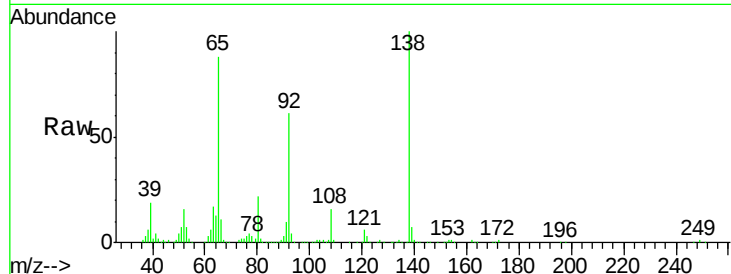
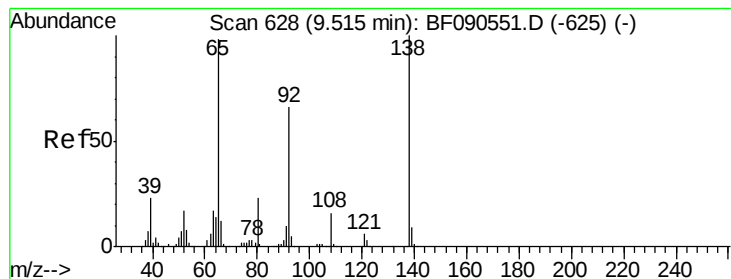


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.15 ng

RT: 9.48 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tot Ion:	65	Resp:	346747
Ion Ratio	Lower	Upper	
65	100		
92	69.4	54.3	81.5
138	113.7	81.7	122.5

Instrument :

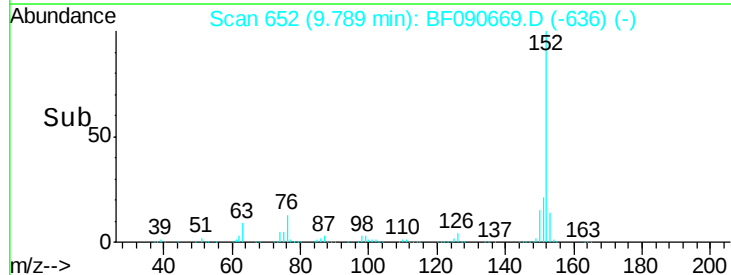
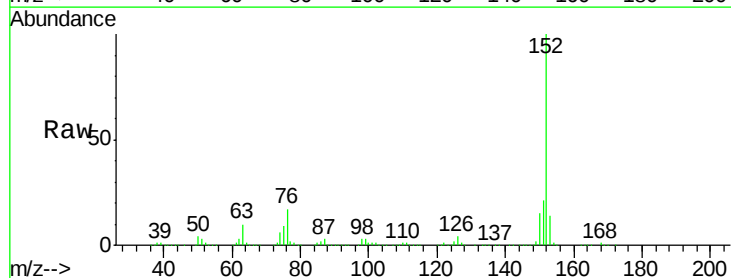
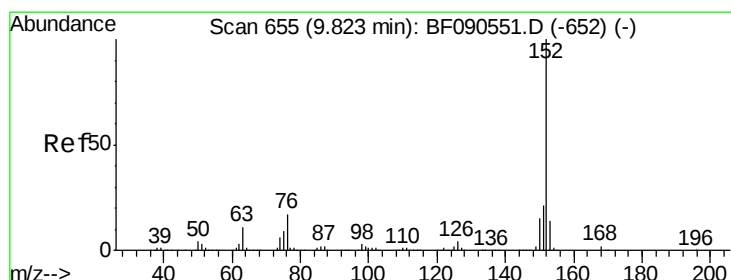
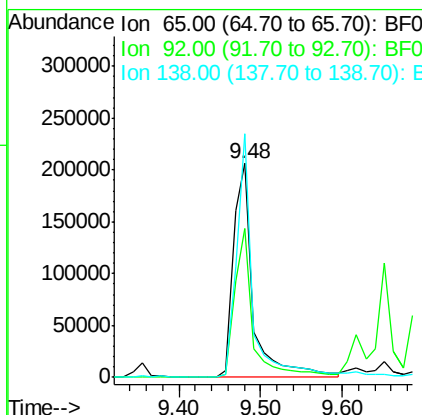
BNA_F

ClientSampleId :

PB94156BS

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#48

Acenaphthylene

Concen: 33.69 ng

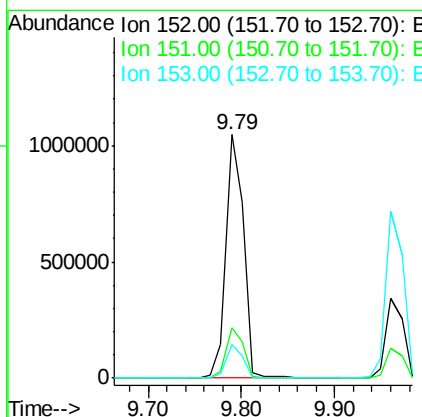
RT: 9.79 min Scan# 652

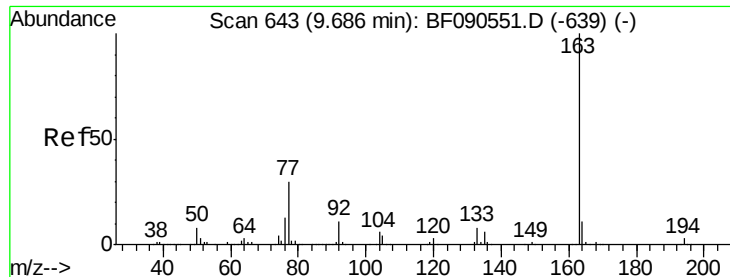
Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion:	152	Resp:	1381090
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.6	25.0
153	13.9	11.3	16.9





#49

Dimethylphthalate

Concen: 34.10 ng

RT: 9.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampled :

PB94156BS

Tot Ion:163 Resp: 1003769

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

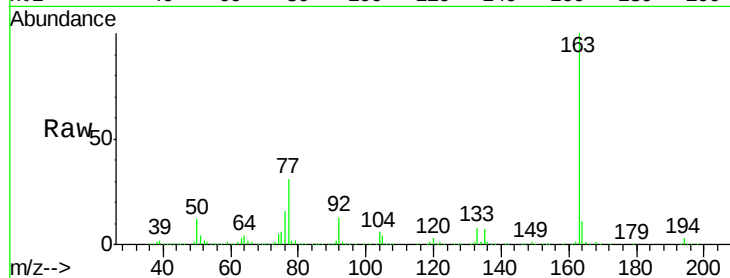
164 11.0 8.6 13.0

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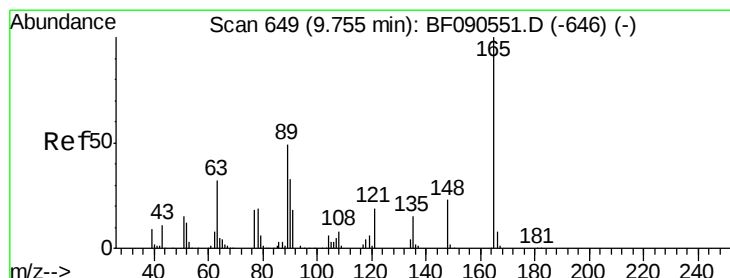
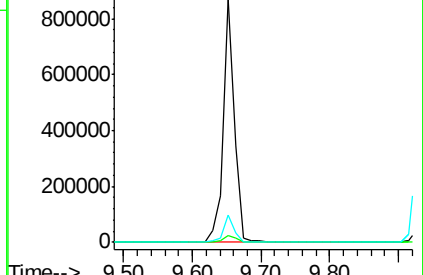
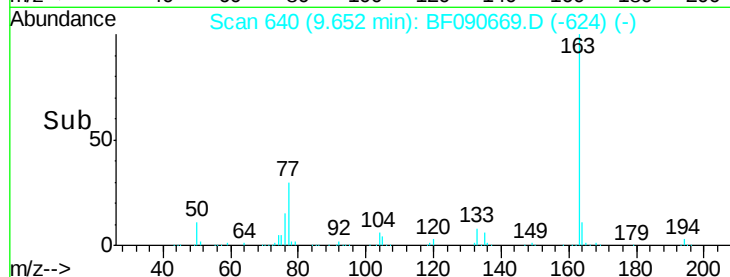
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.14 ng

RT: 9.72 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

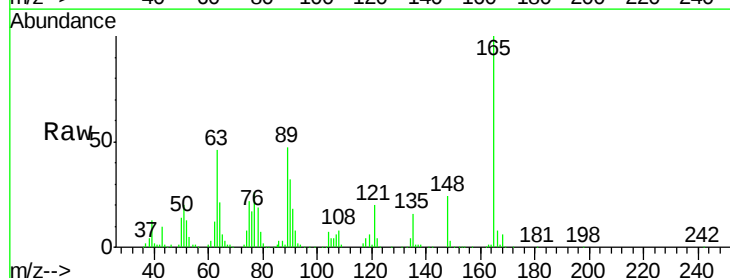
Tgt Ion:165 Resp: 239250

Ion Ratio Lower Upper

165 100

63 45.7 40.1 60.1

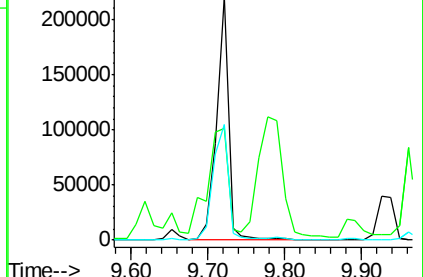
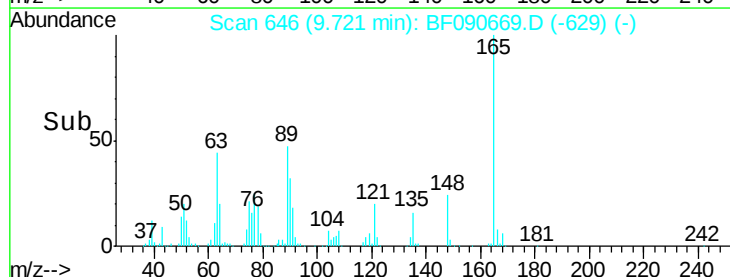
89 47.5 39.5 59.3

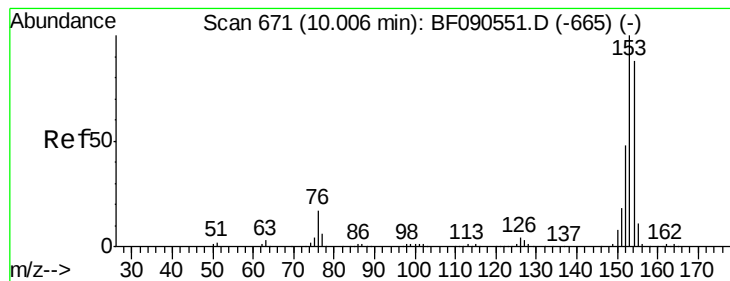


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.17 ng

RT: 9.96 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

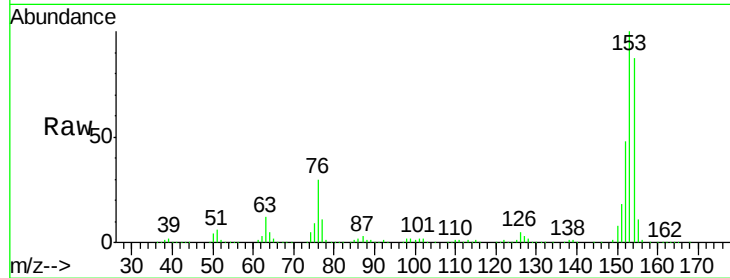
ClientSampled :

PB94156BS

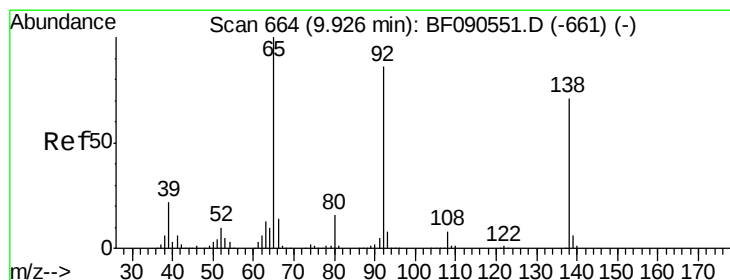
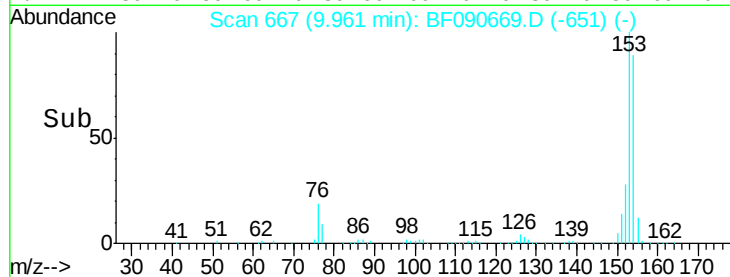
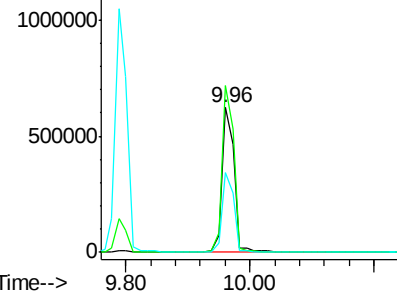
Tot Ion:	154	Resp:	849324
Ion Ratio	Lower	Upper	
154	100		
153	115.5	91.2	136.8
152	55.2	44.0	66.0

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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: 22.00 ng

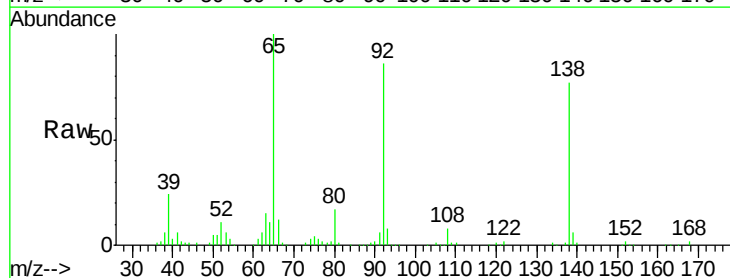
RT: 9.89 min Scan# 661

Delta R.T. 0.00 min

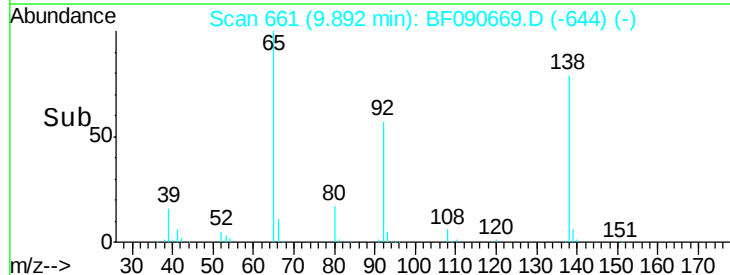
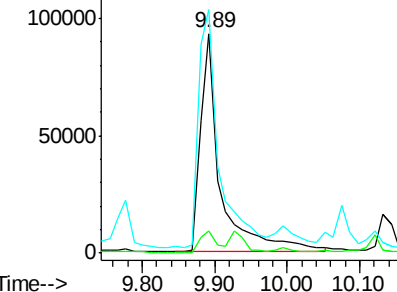
Lab File: BF090669.D

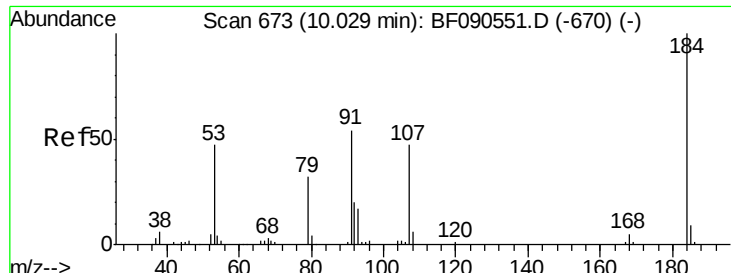
Acq: 20 Oct 2016 1:09

Tgt Ion:	138	Resp:	177867
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.6	12.8
92	110.8	97.8	146.8



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





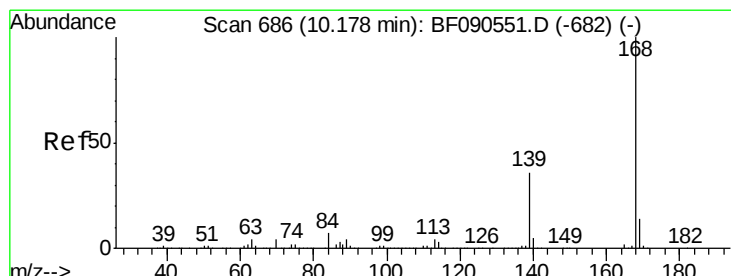
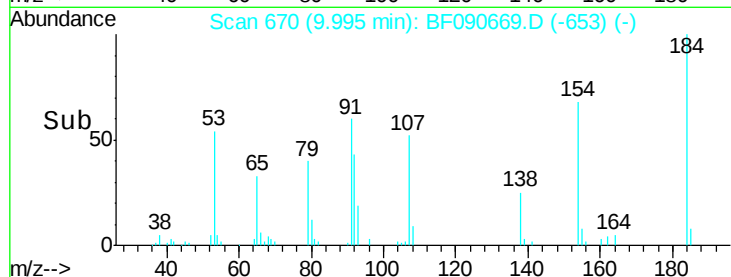
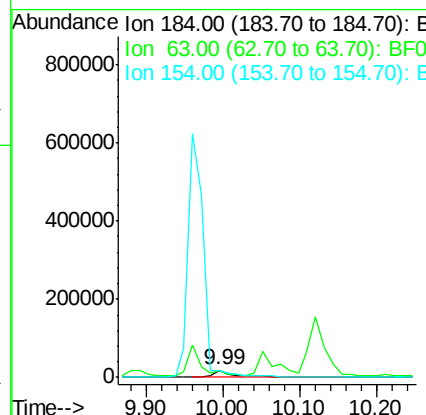
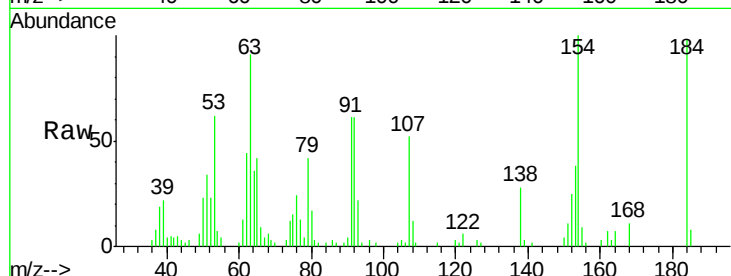
#53
 2,4-Dinitrophenol
 Concen: 15.30 ng
 RT: 9.99 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	36213		
63	93.4	60.2	90.2#	
154	102.5	86.1	129.1	

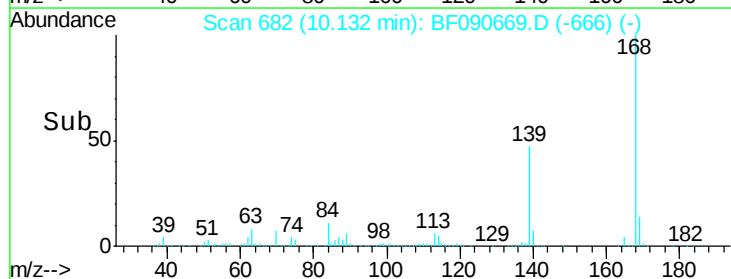
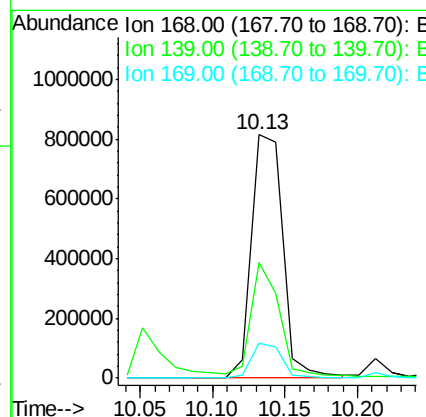
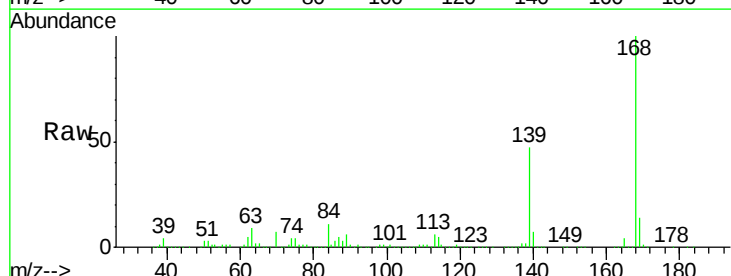
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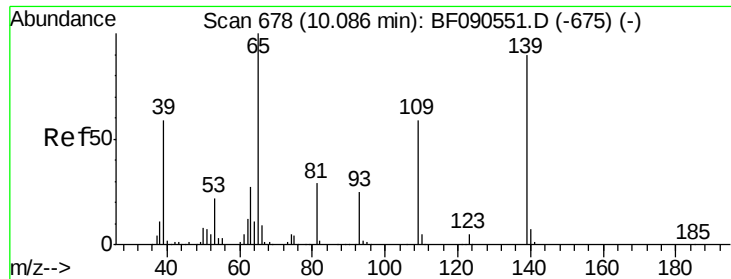
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#54
 Dibenzofuran
 Concen: 34.11 ng
 RT: 10.13 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1222601		
139	47.3	30.5	45.7#	
169	14.4	10.9	16.3	





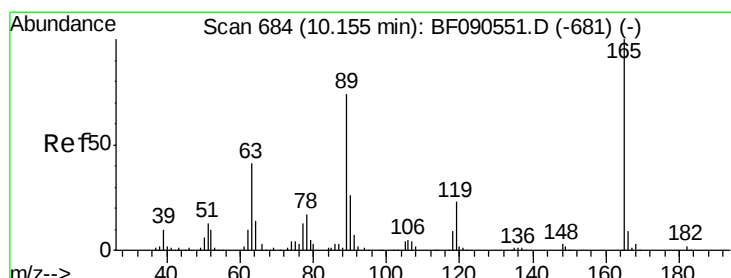
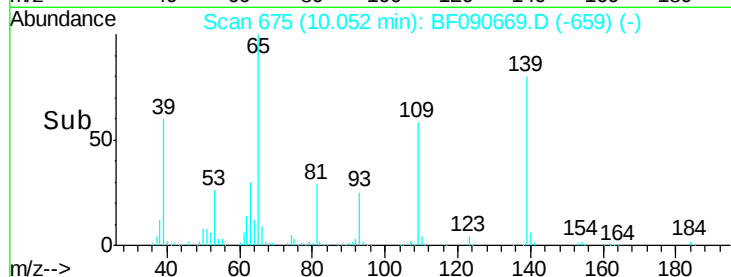
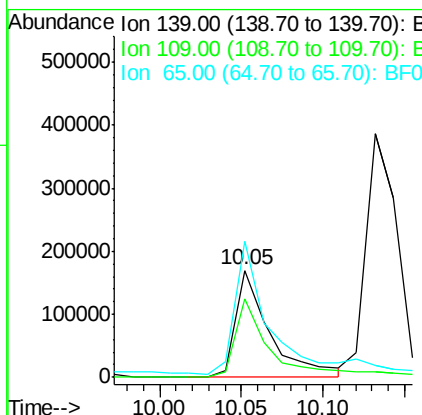
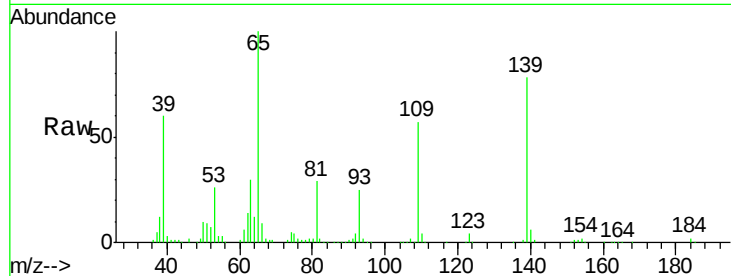
#55
4-Nitrophenol
Concen: 50.39 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	245148		
109	73.0	45.9	85.9	
65	127.4	95.8	135.8	

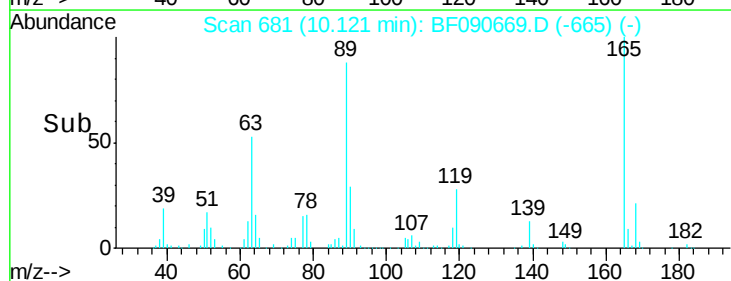
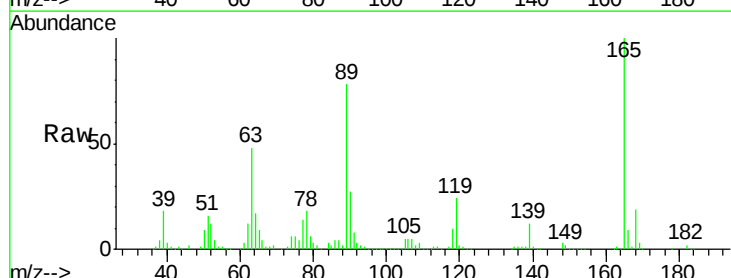
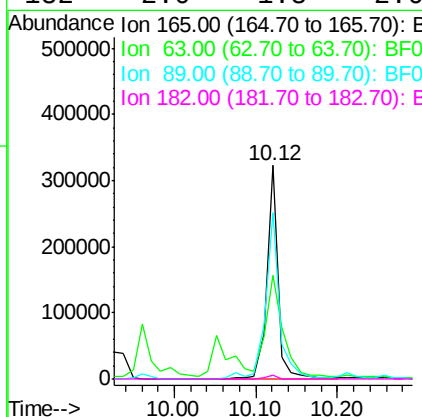
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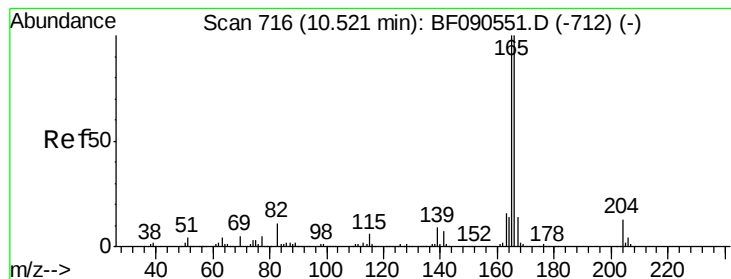
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#56
2,4-Dinitrotoluene
Concen: 35.92 ng
RT: 10.12 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	314259		
63	48.3	35.4	53.0	
89	77.8	59.0	88.4	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 34.18 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:166 Resp: 1010603

Ion Ratio Lower Upper

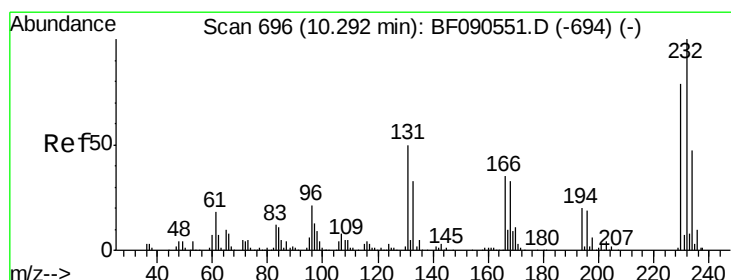
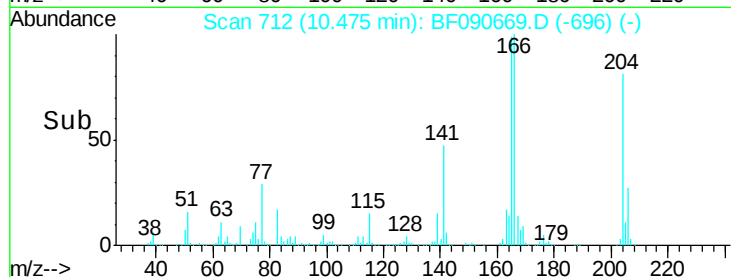
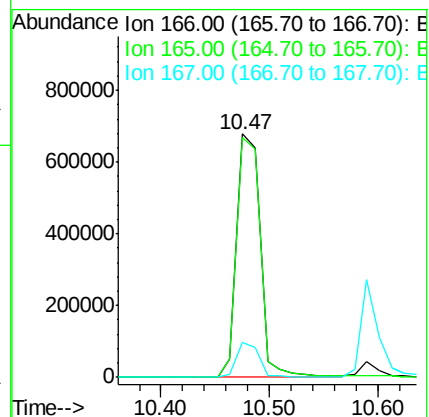
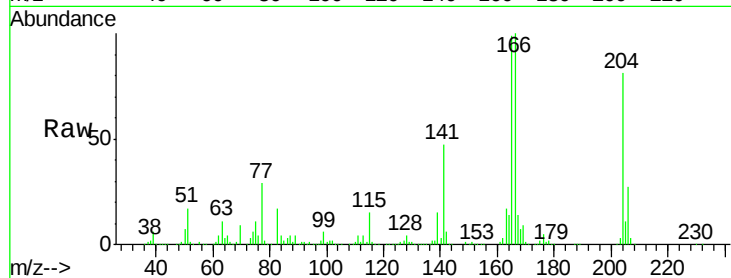
166 100

165 98.7 79.9 119.9

167 14.2 10.9 16.3

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#58

2,3,4,6-Tetrachlorophenol

Concen: 30.90 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion:232 Resp: 208306

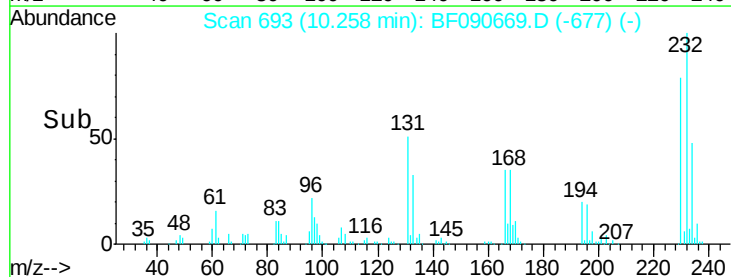
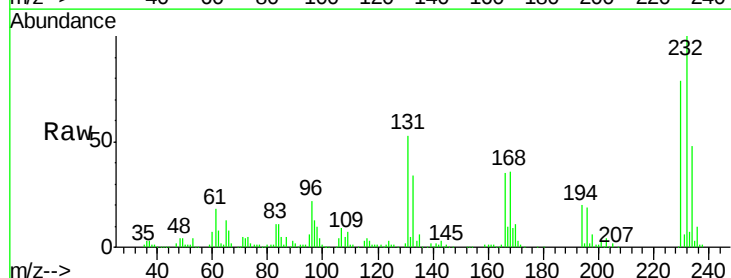
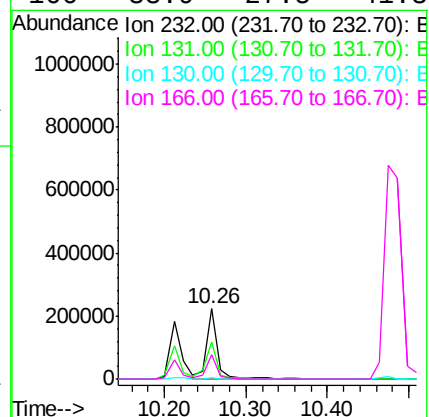
Ion Ratio Lower Upper

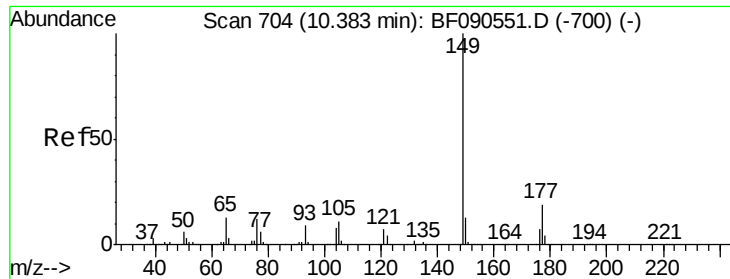
232 100

131 56.2 42.6 64.0

130 2.5 1.8 2.8

166 33.9 27.5 41.3





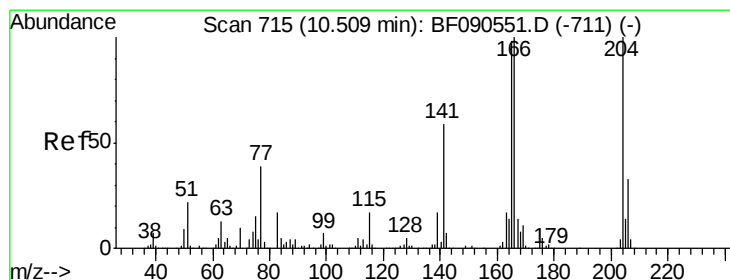
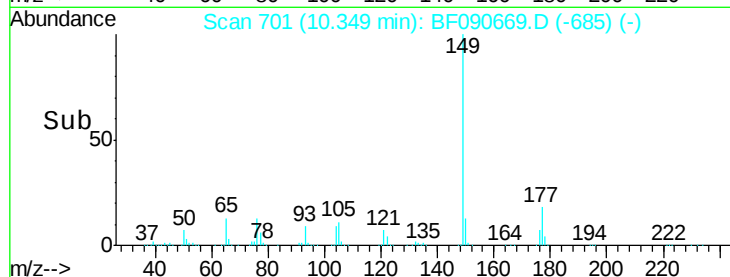
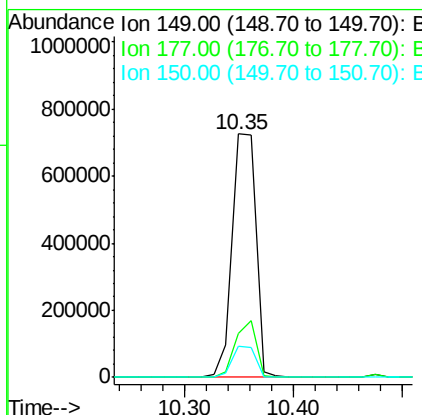
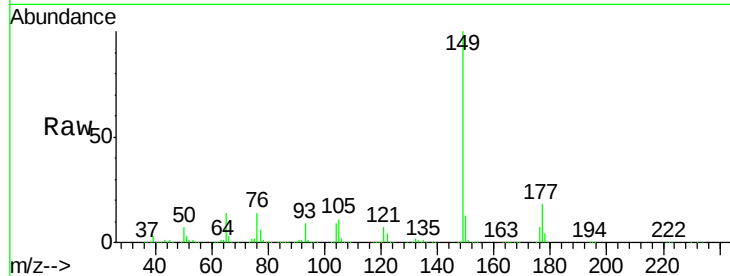
#59
Diethylphthalate
Concen: 36.53 ng
RT: 10.35 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampled :
PB94156BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	18.3	15.3	22.9
150	12.8	10.3	15.5

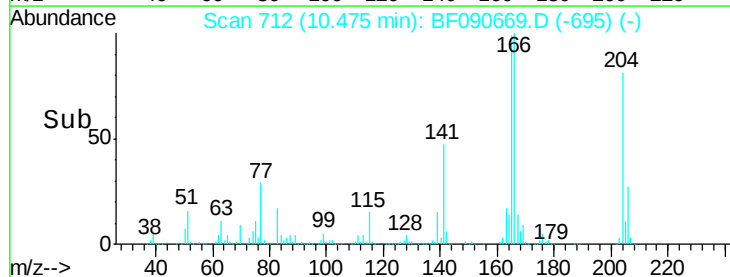
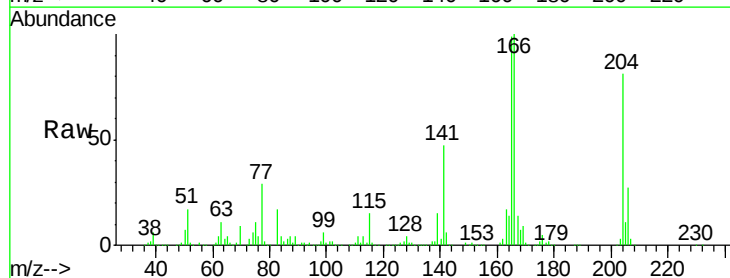
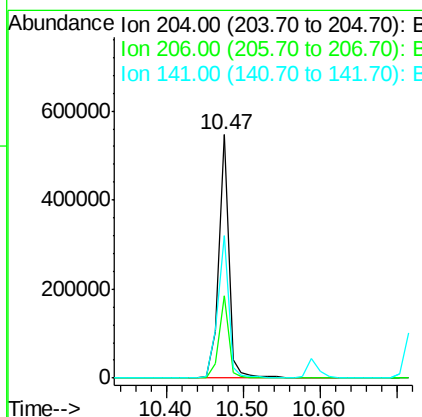
Manual Integrations
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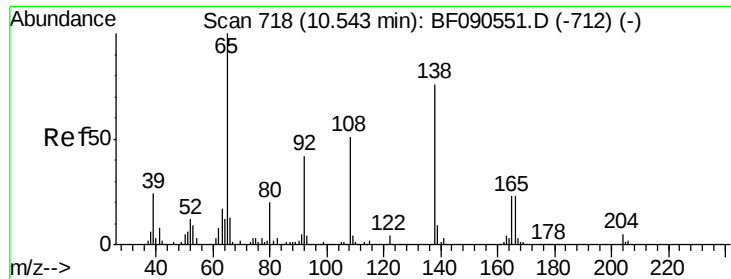
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 36.05 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	58.4	47.2	70.8





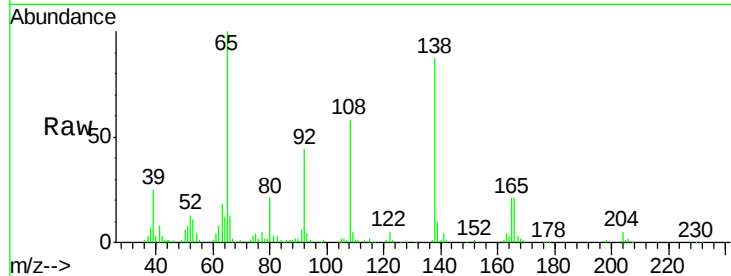
#61
4-Nitroaniline
Concen: 29.33 ng
RT: 10.51 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

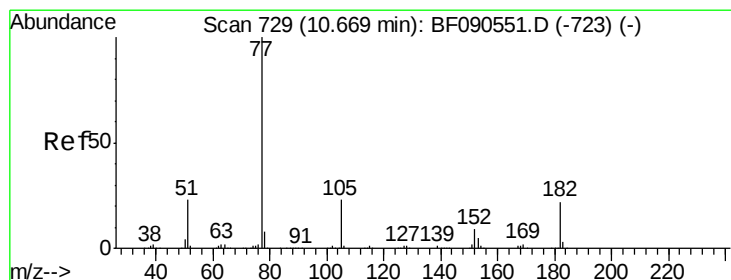
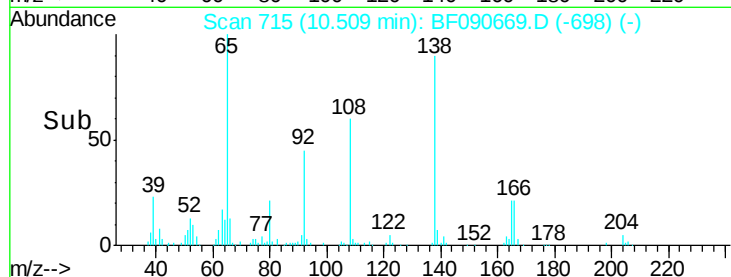
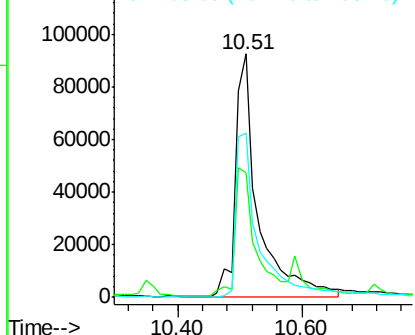
Tot Ion:138 Resp: 237745
Ion Ratio Lower Upper
138 100
92 51.0 35.7 75.7
108 67.2 46.9 86.9

Manual Integrations
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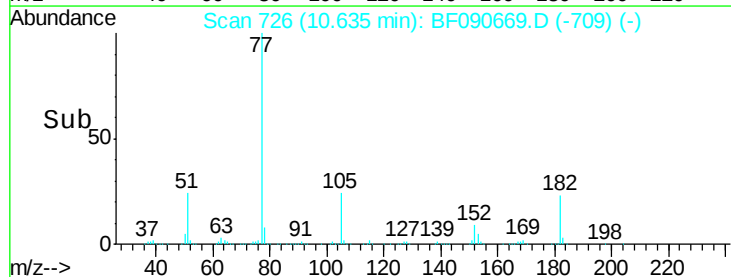
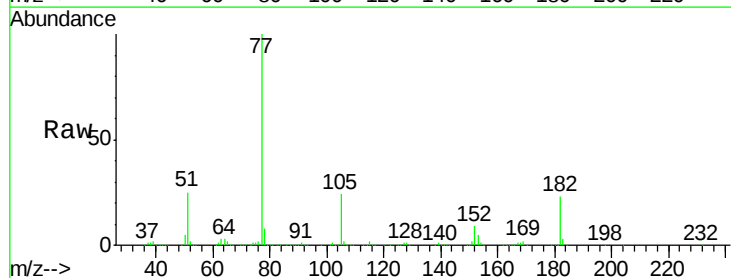
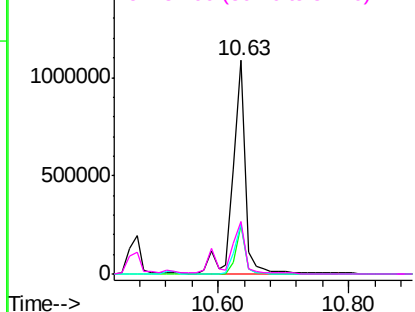
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

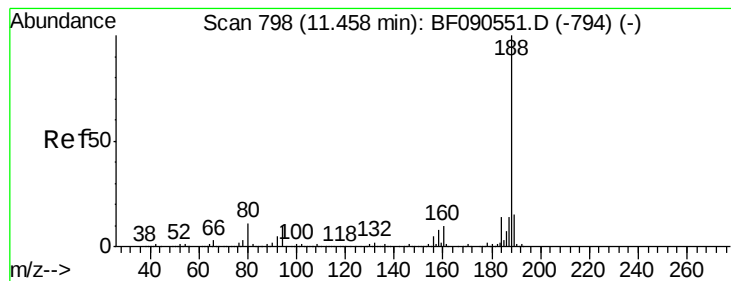


#62
Azobenzene
Concen: 40.08 ng
RT: 10.63 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion: 77 Resp: 1384215
Ion Ratio Lower Upper
77 100
182 23.1 2.2 42.2
105 23.6 3.5 43.5
51 24.5 3.7 43.7

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:188 Resp: 680060

Ion Ratio Lower Upper

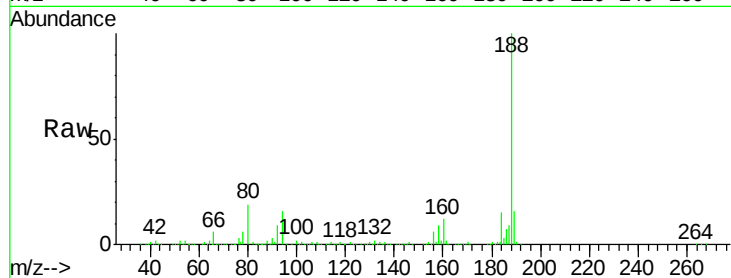
188 100

94 16.0 7.7 11.5#

80 19.0 8.6 12.8#

Manual Integrations
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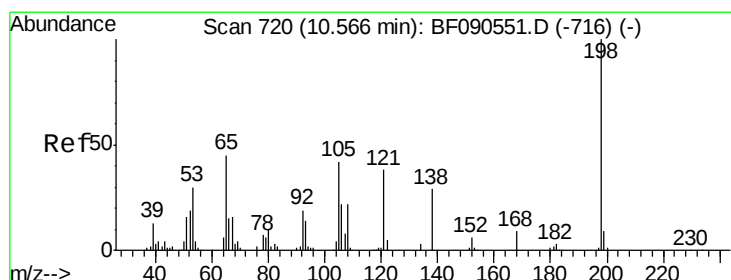
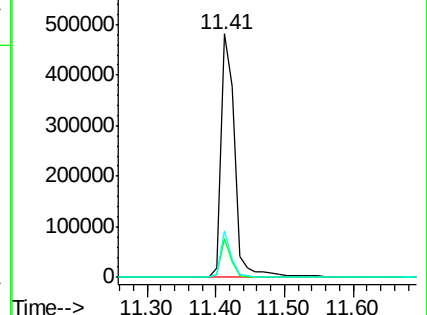
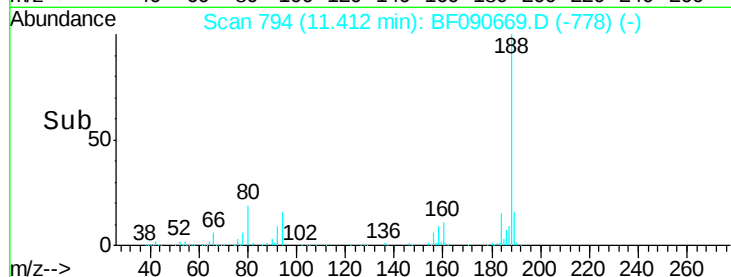
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.79 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

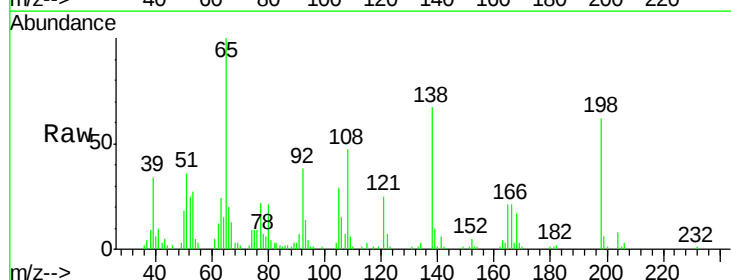
Tgt Ion:198 Resp: 32064

Ion Ratio Lower Upper

198 100

51 57.9 19.7 59.7

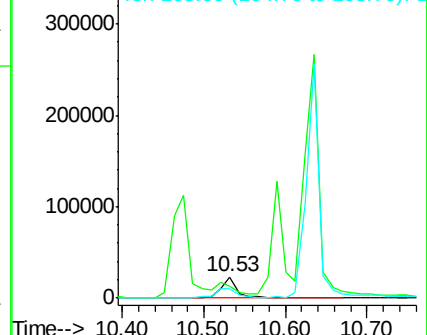
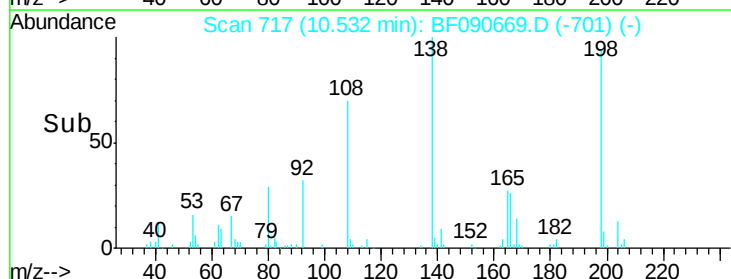
105 47.0 22.6 62.6

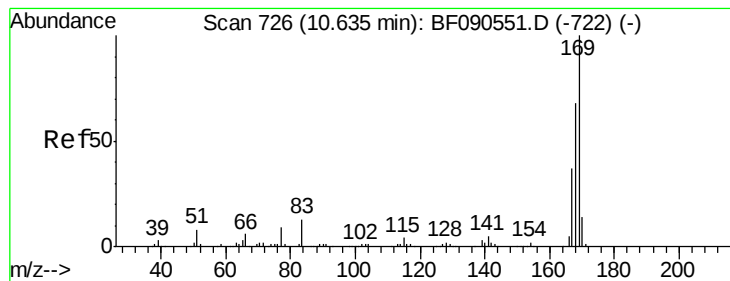


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





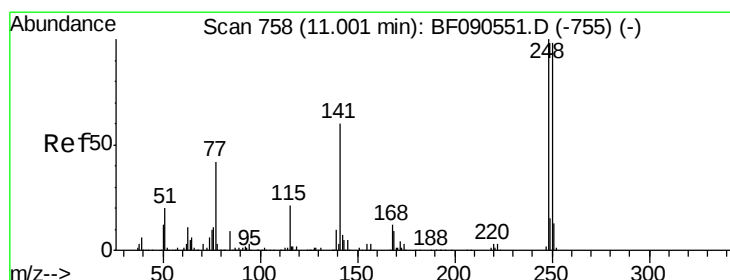
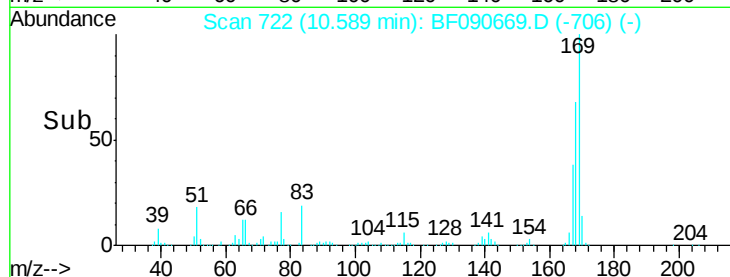
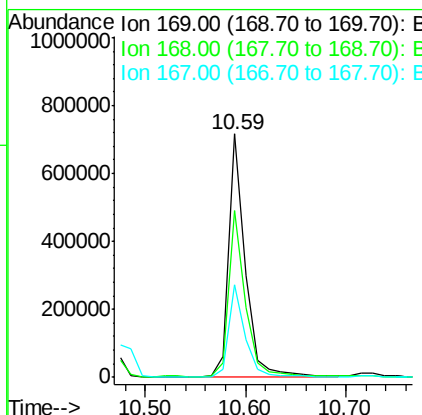
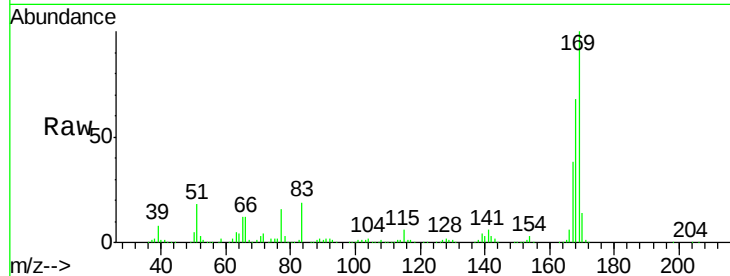
#65
n-Nitrosodiphenylamine
Concen: 36.71 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	824561		
168	68.5		54.6	81.8
167	38.2		29.8	44.8

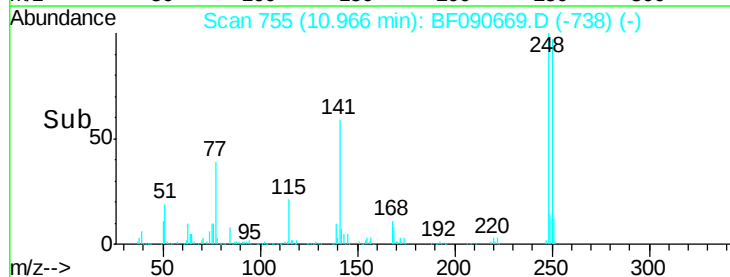
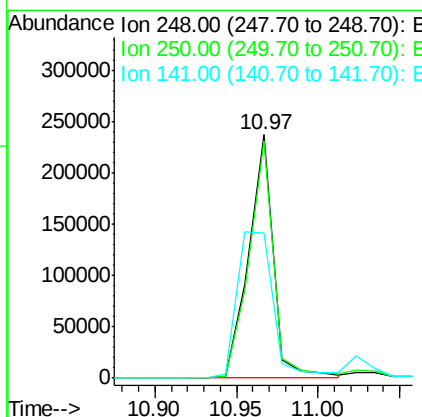
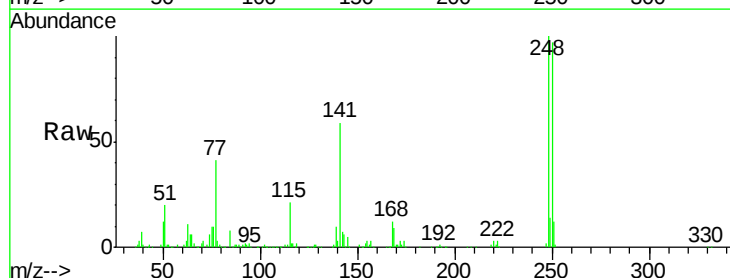
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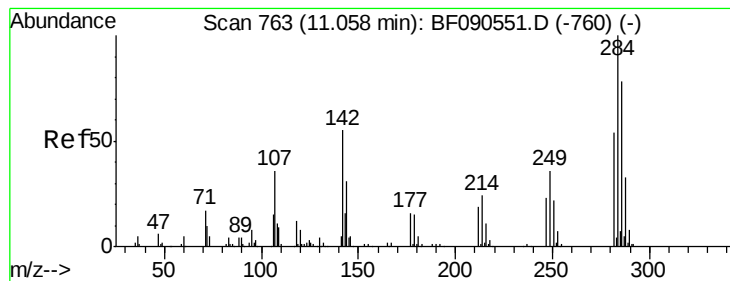
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#66
4-Bromophenyl-phenylether
Concen: 34.26 ng
RT: 10.97 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	250016		
250	97.5		78.4	117.6
141	59.4		48.4	72.6





#67

Hexachlorobenzene

Concen: 35.43 ng

RT: 11.03 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

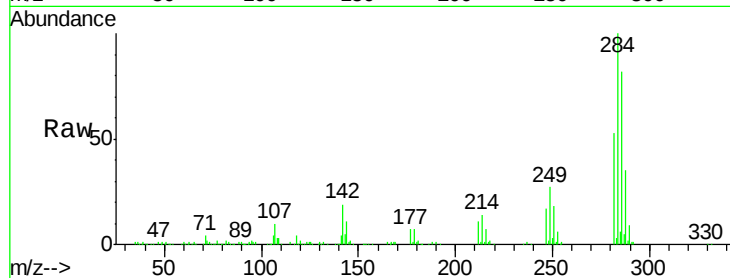
ClientSampleId :

PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	280671		
142	19.0	44.5	66.7#	
249	27.2	29.6	44.4#	

Manual Integrations
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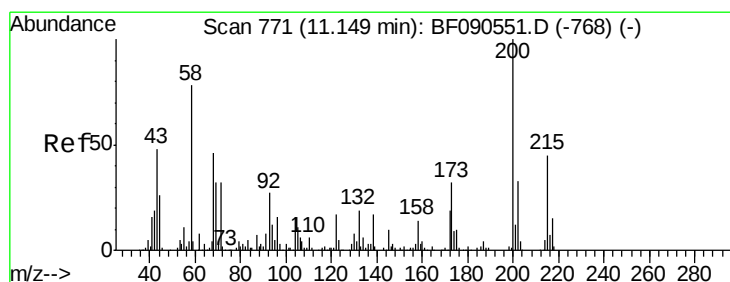
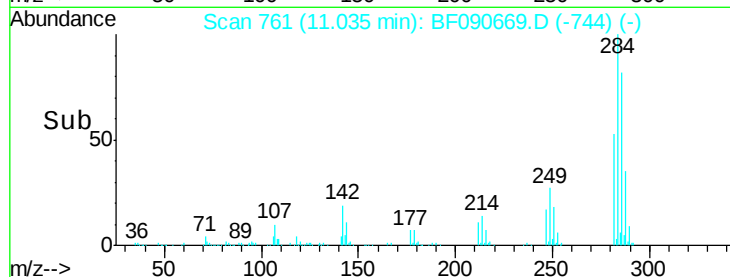
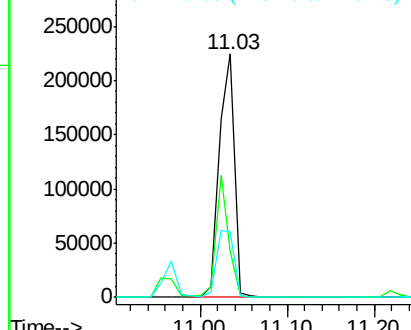
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.13 ng

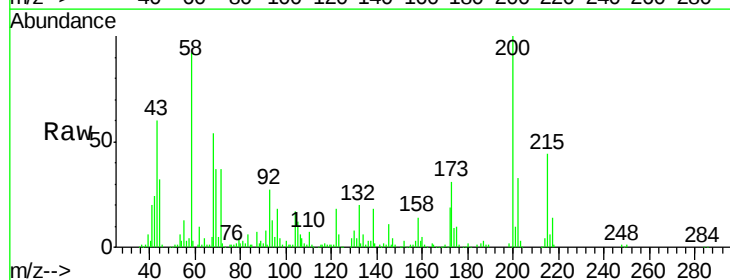
RT: 11.11 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

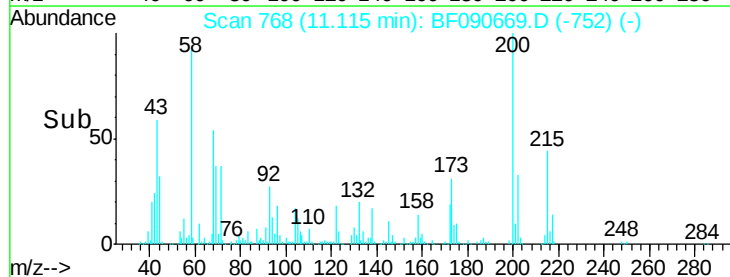
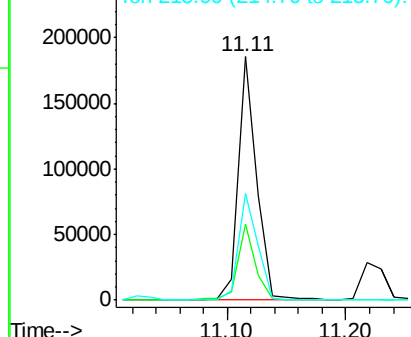
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	199609		
173	31.4	12.0	52.0	
215	43.7	25.2	65.2	

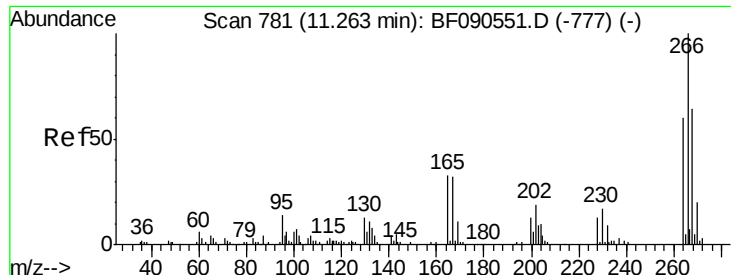


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





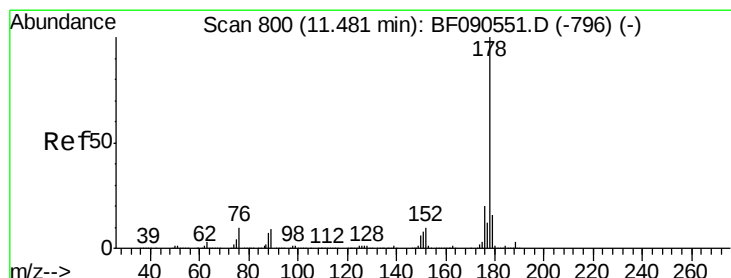
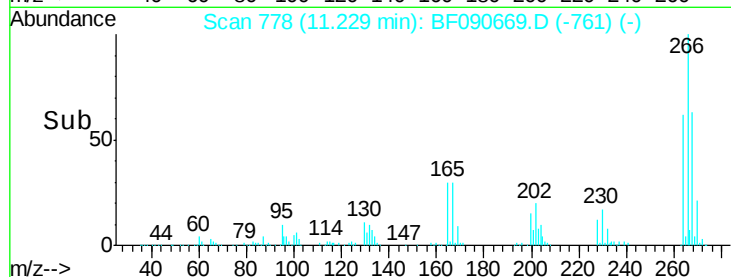
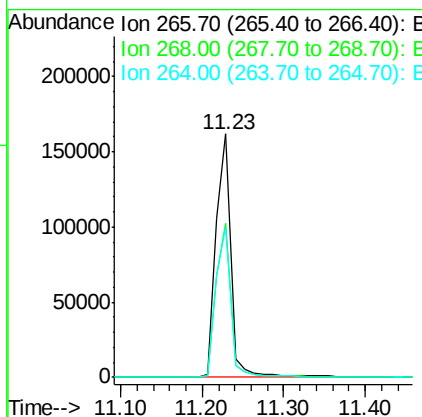
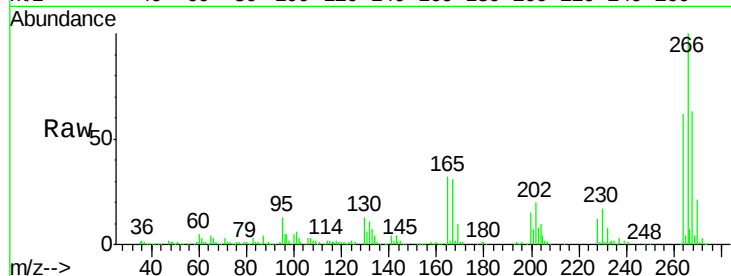
#69
 Pentachlorophenol
 Concen: 52.47 ng
 RT: 11.23 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.5	77.3
264	61.6	47.9	71.9

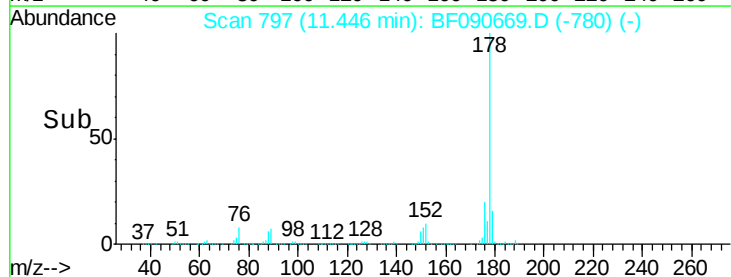
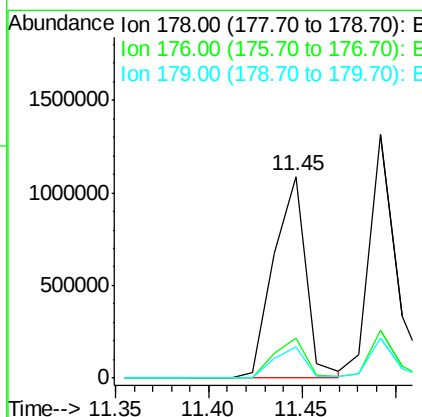
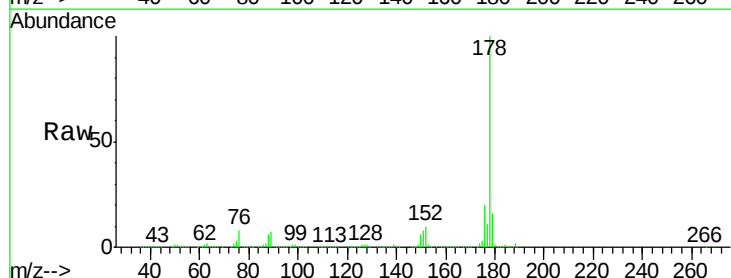
Manual Integrations
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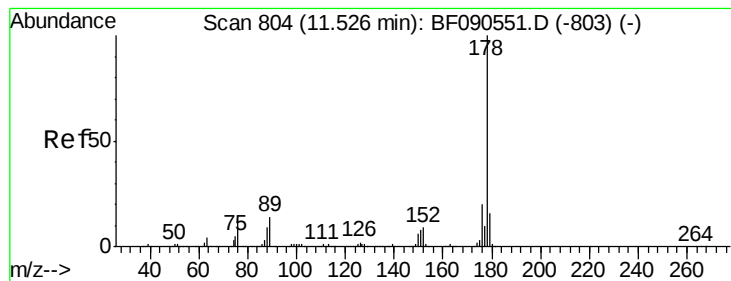
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#70
 Phenanthrene
 Concen: 35.95 ng
 RT: 11.45 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	15.6	12.6	19.0





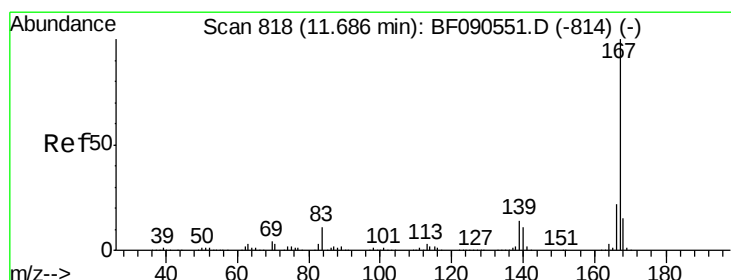
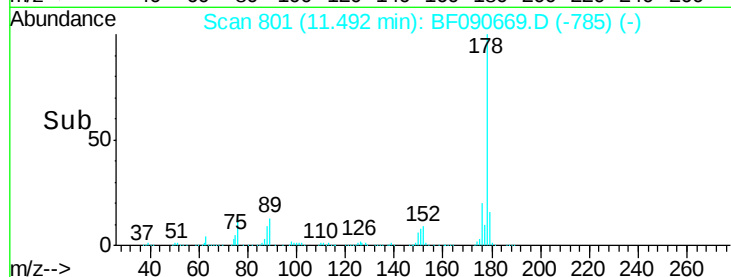
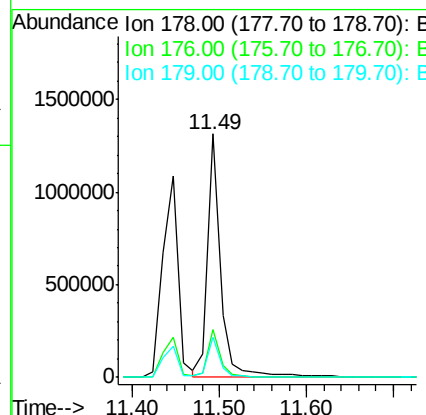
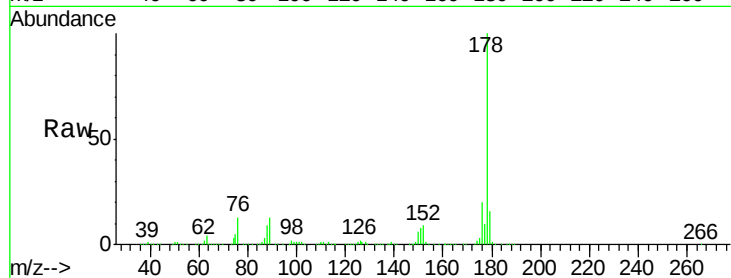
#71
 Anthracene
 Concen: 34.50 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion:178 Resp: 1348072
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 16.2 13.0 19.4

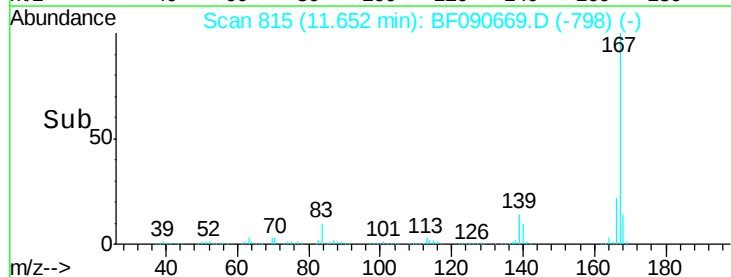
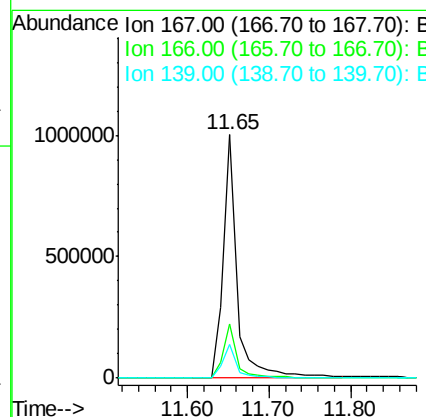
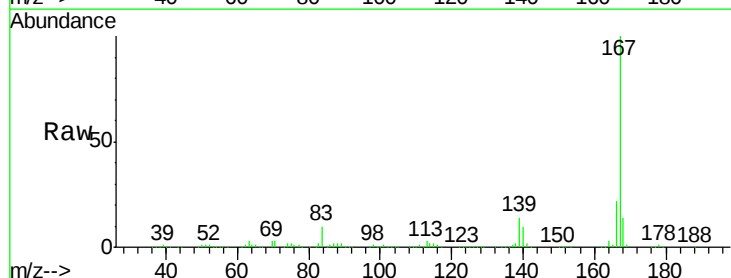
Manual Integrations
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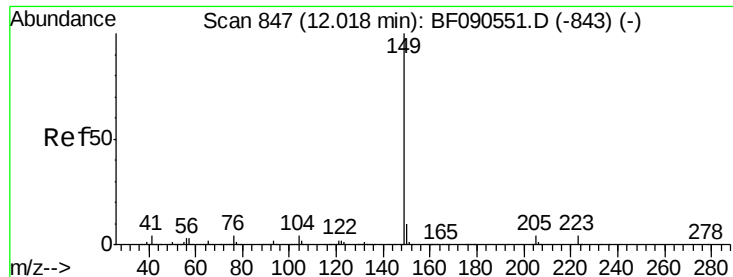
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#72
 Carbazole
 Concen: 34.19 ng
 RT: 11.65 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion:167 Resp: 1195626
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.9 11.3 16.9





#73

Di-n-butylphthalate

Concen: 42.07 ng

RT: 11.98 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:149 Resp: 1723930

Ion Ratio Lower Upper

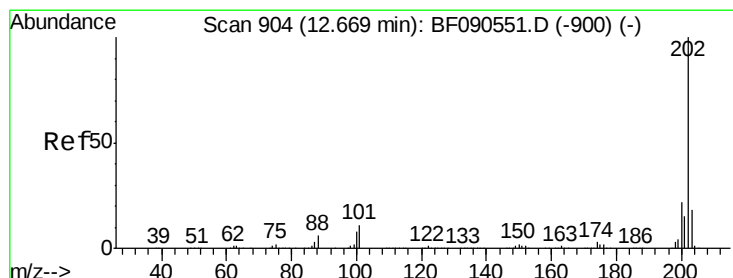
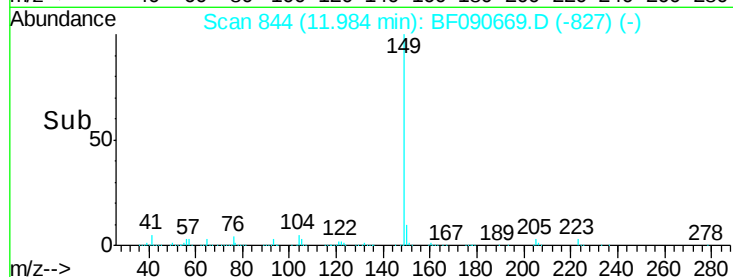
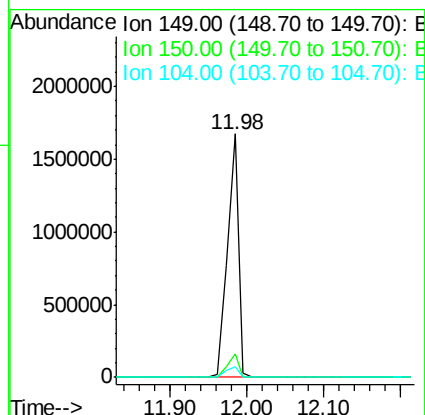
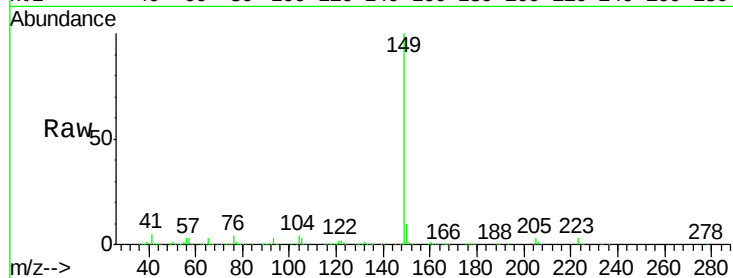
149 100

150 9.6 7.8 11.6

104 4.5 3.3 4.9

Manual Integrations
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#74

Fluoranthene

Concen: 30.50 ng

RT: 12.62 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

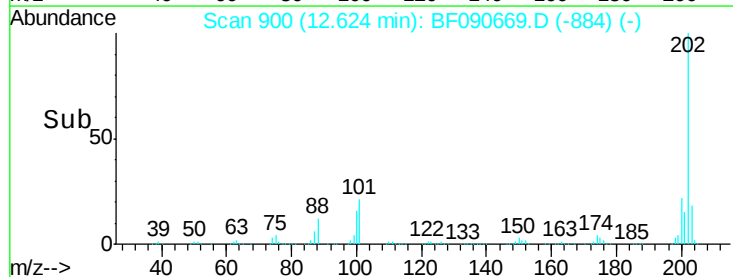
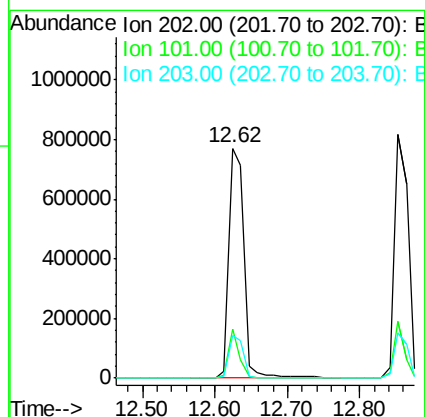
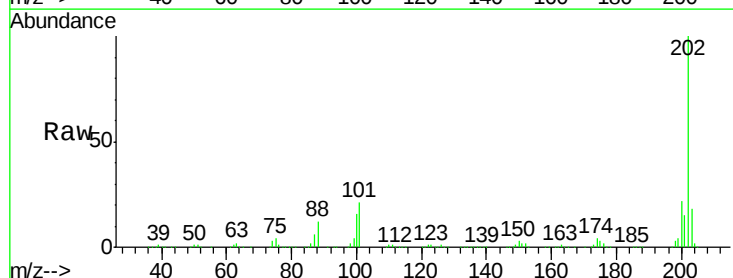
Tgt Ion:202 Resp: 1113703

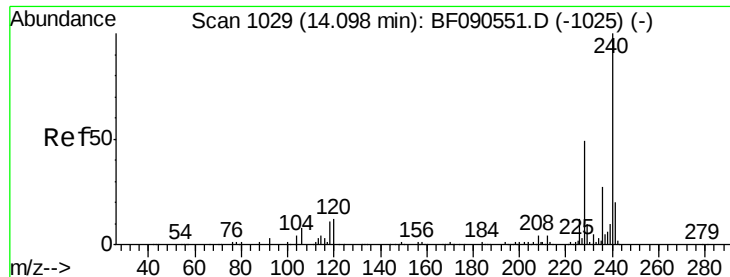
Ion Ratio Lower Upper

202 100

101 21.3 0.0 31.1

203 18.4 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

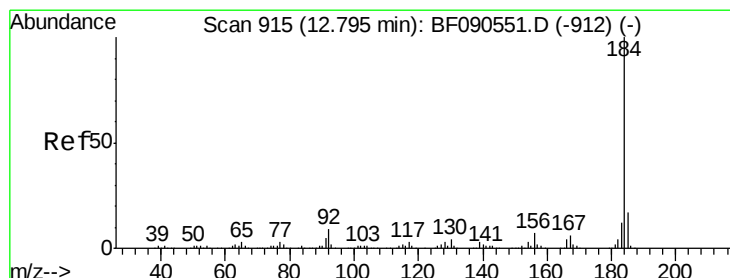
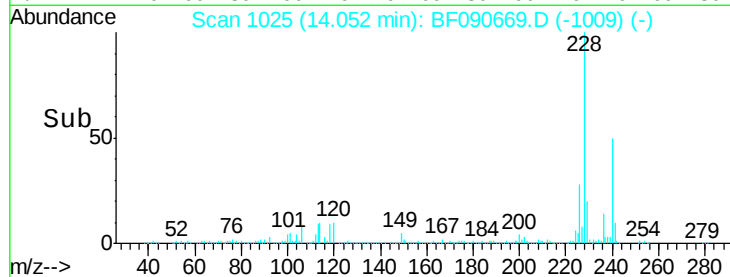
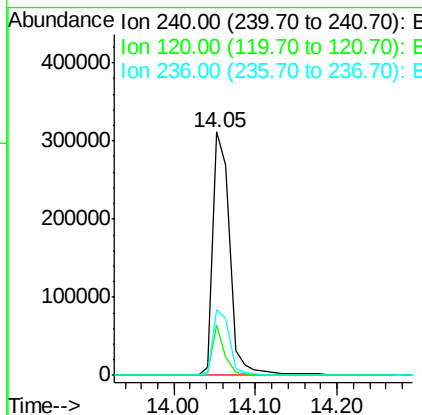
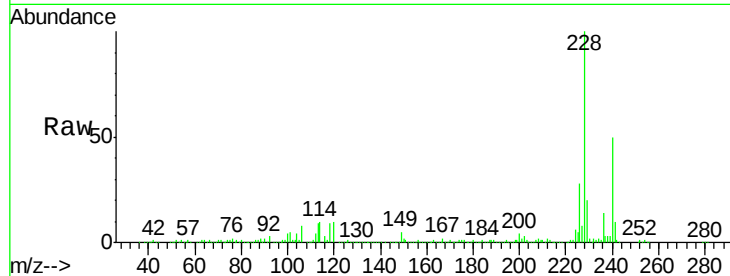
ClientSampleId :

PB94156BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.6	9.8	14.8#
236	26.9	21.7	32.5

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#76

Benzidine

Concen: 13.03 ng

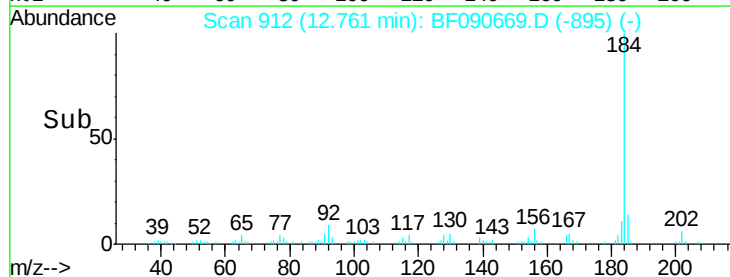
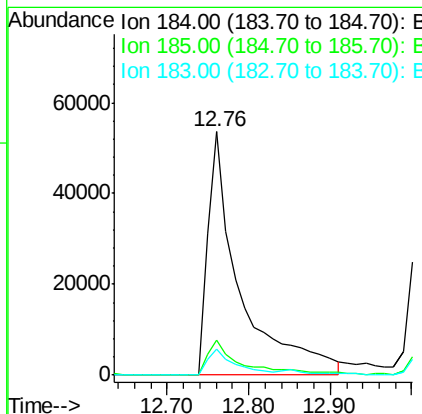
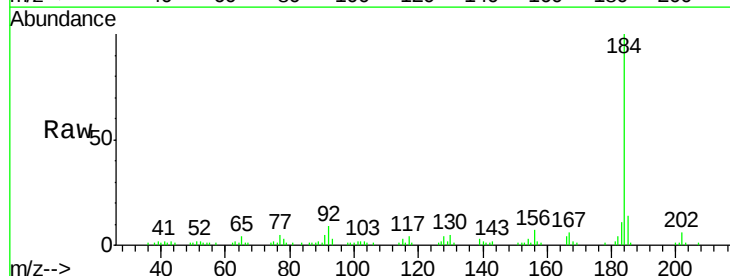
RT: 12.76 min Scan# 912

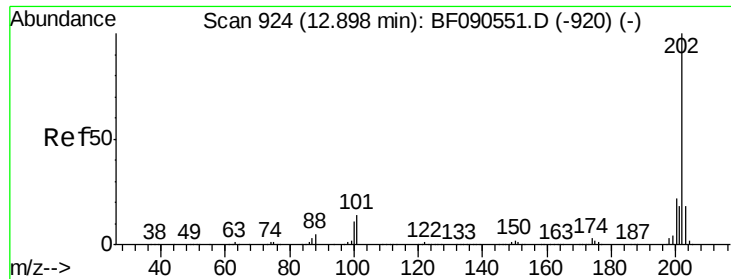
Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.0
183	10.9	9.4	14.0





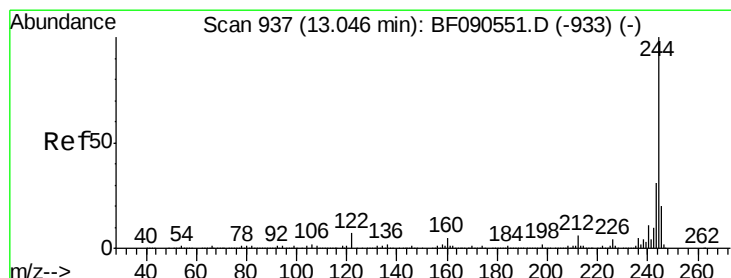
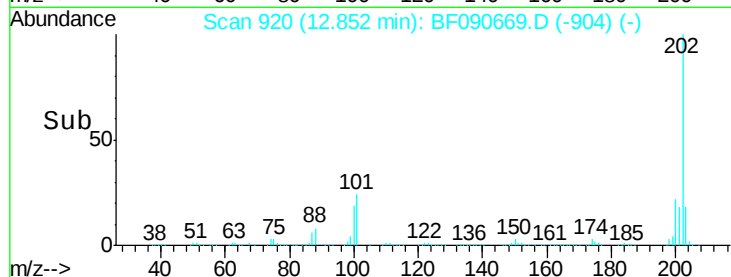
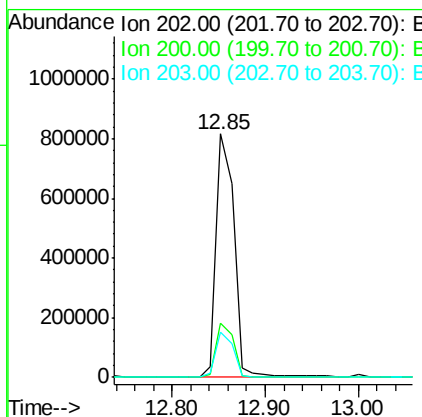
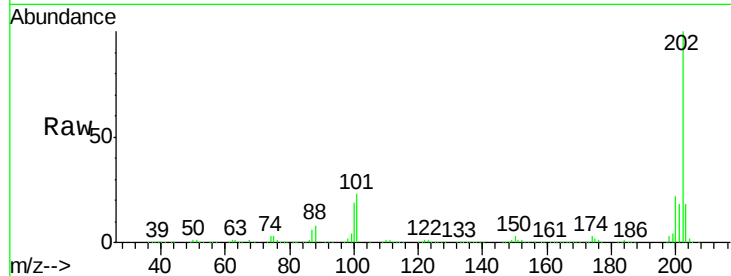
#77
Pvrene
Concen: 35.70 ng
RT: 12.85 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	18.4	14.6	21.8

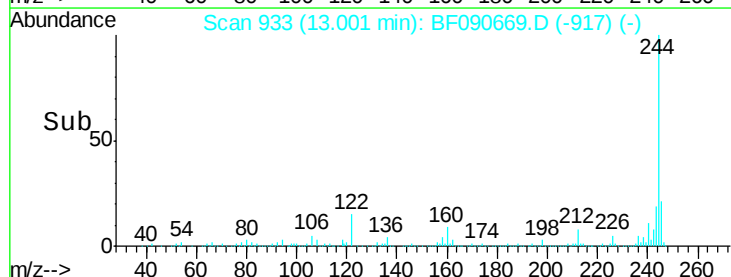
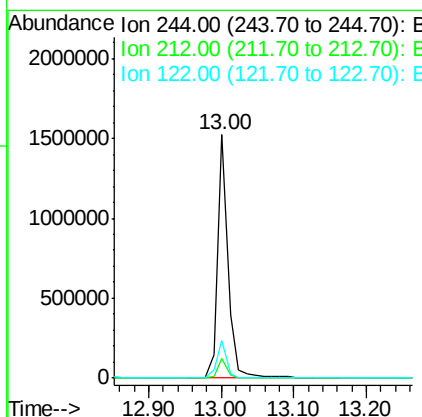
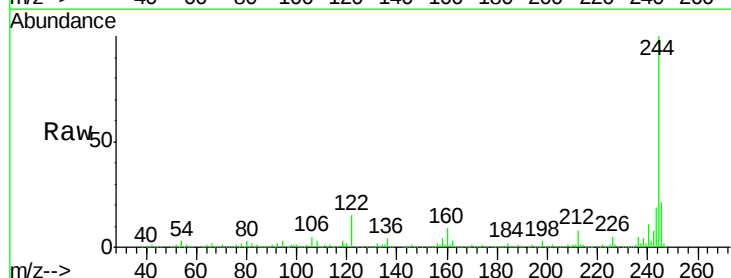
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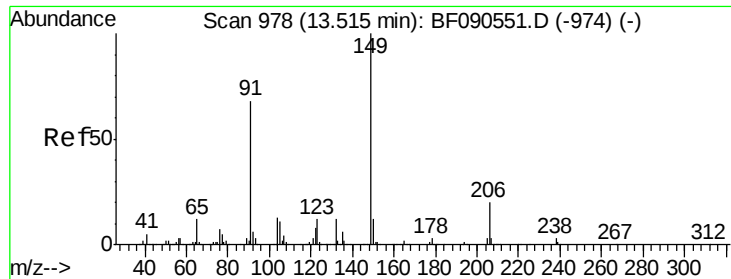
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#78
Terphenyl-d14
Concen: 77.70 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.0	7.4#
122	15.5	5.6	8.4#





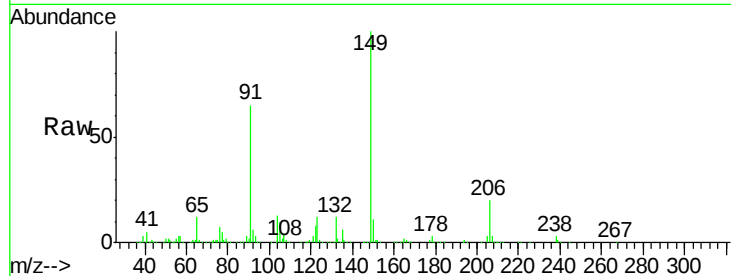
#79
Butylbenzylphthalate
Concen: 45.61 ng
RT: 13.48 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

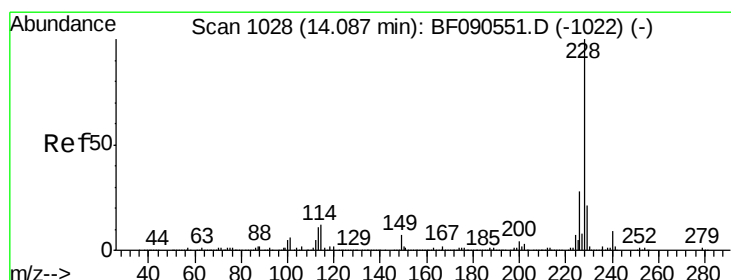
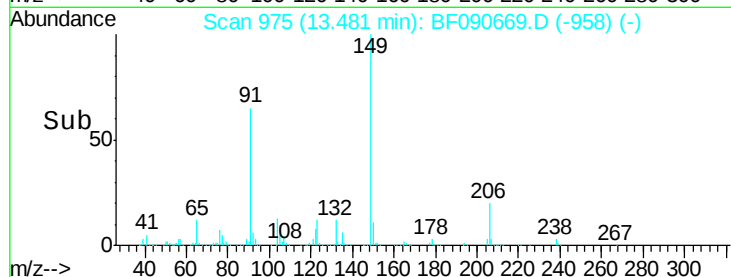
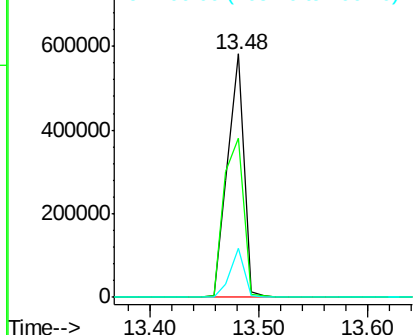
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		611116		
91	65.3	54.3	81.5		
206	20.0	15.8	23.6		

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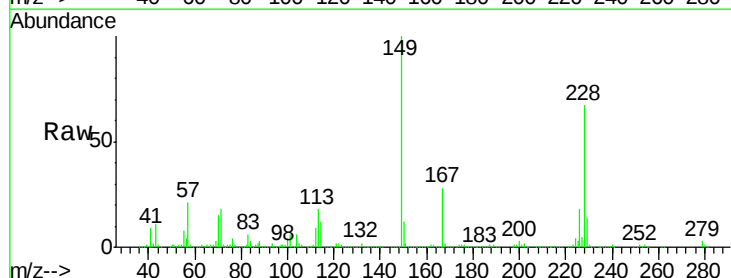


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

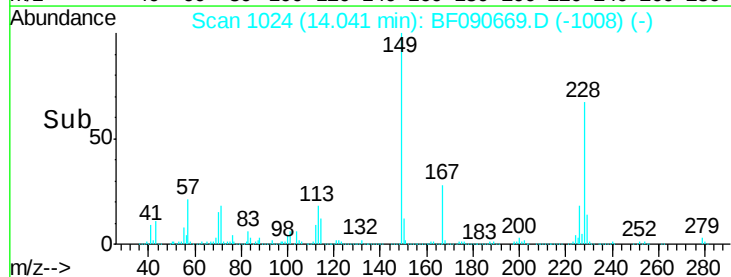
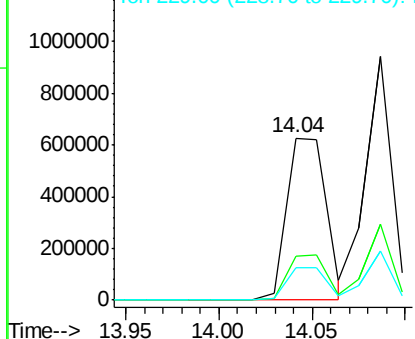


#80
Benzo(a)anthracene
Concen: 35.50 ng
RT: 14.04 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		922843		
226	27.4	22.8	34.2		
229	20.2	16.6	25.0		



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





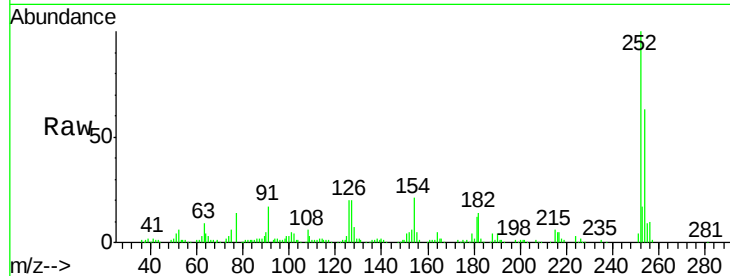
#81
 3,3'-Dichlorobenzidine
 Concen: 22.79 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

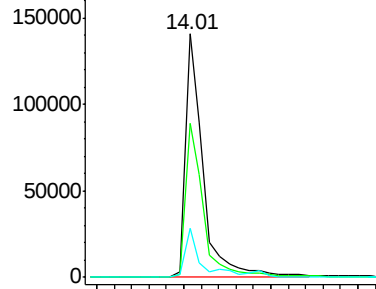
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.4	52.1	78.1
126	20.2	9.3	13.9

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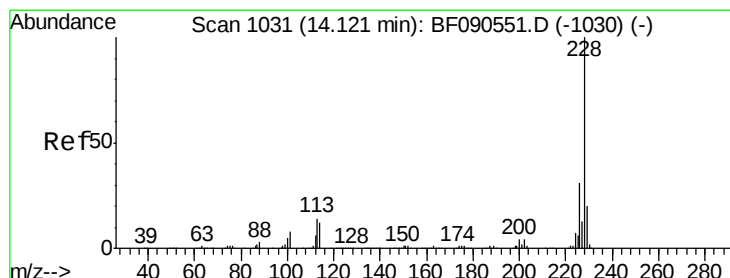
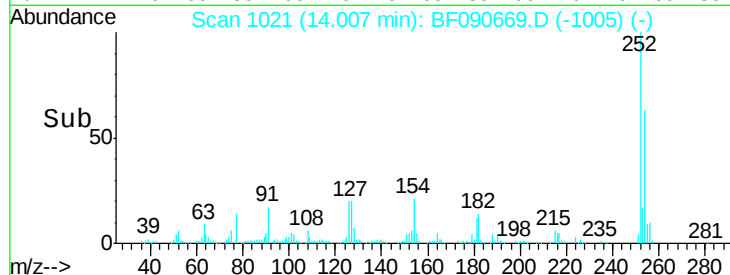
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Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



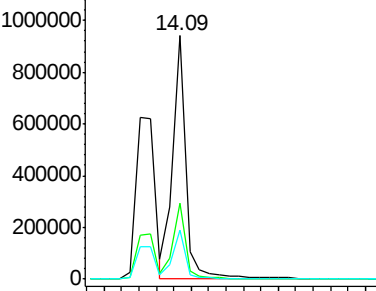
Time--> 13.90 14.00 14.10 14.20



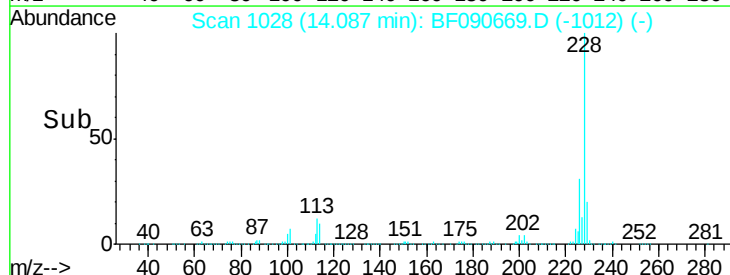
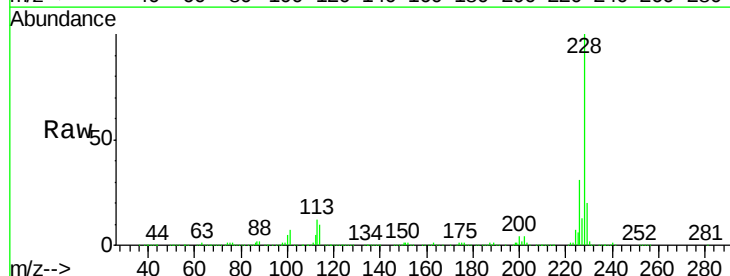
#82
 Chrysene
 Concen: 38.98 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

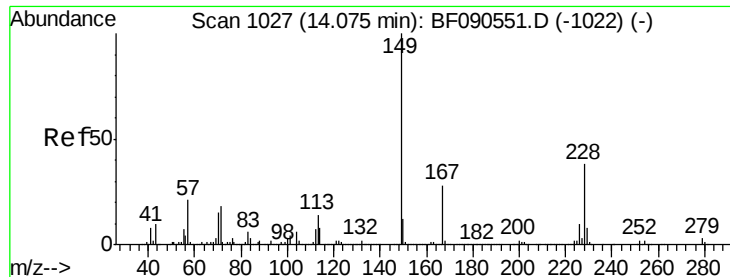
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	24.8	37.2
229	20.2	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time--> 14.00 14.10 14.20





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.43 ng

RT: 14.04 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Instrument :

BNA_F

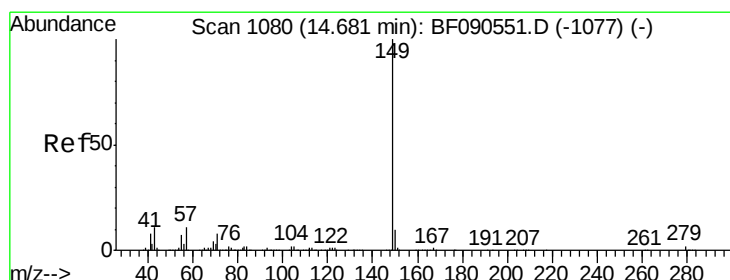
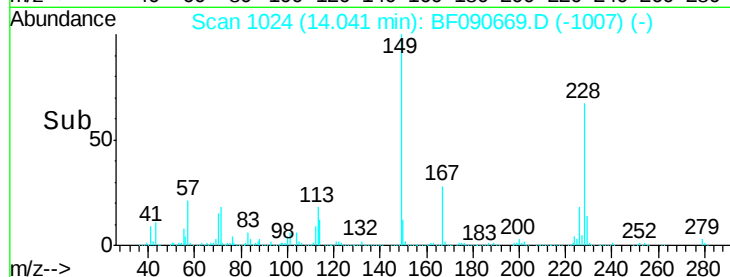
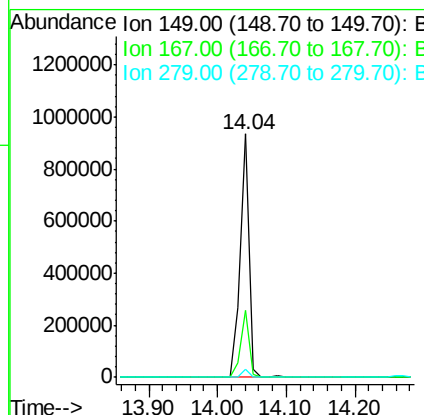
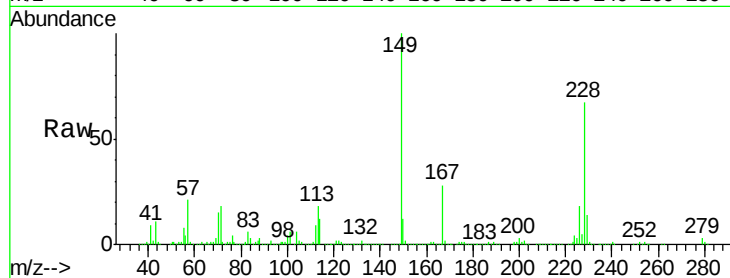
ClientSampleId :

PB94156BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	3.4	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 51.16 ng

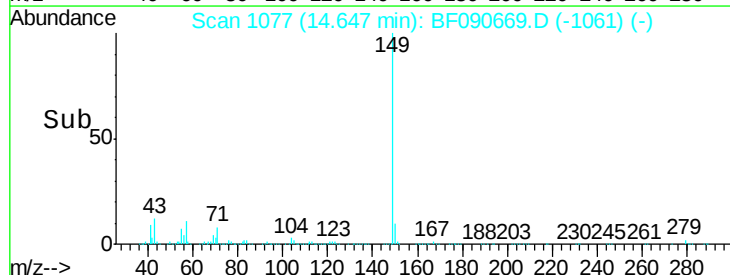
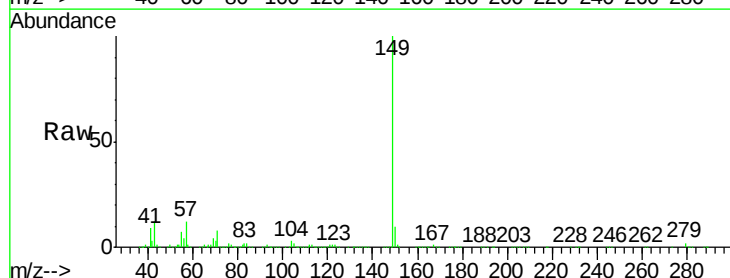
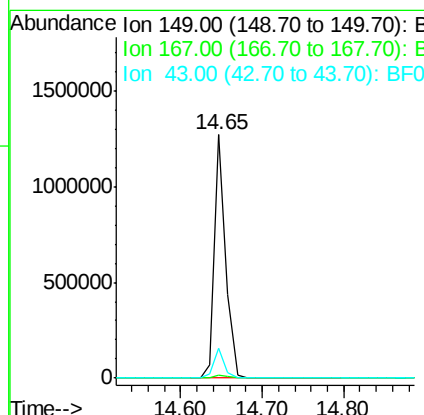
RT: 14.65 min Scan# 1077

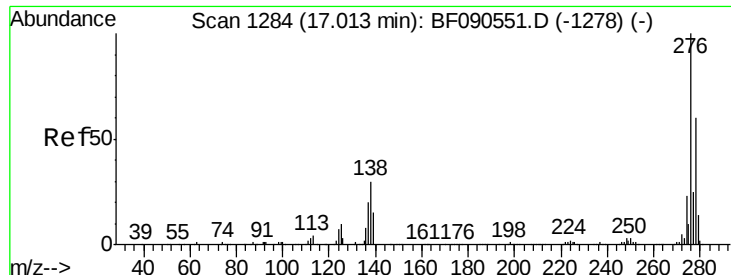
Delta R.T. -0.01 min

Lab File: BF090669.D

Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	6.7	10.1





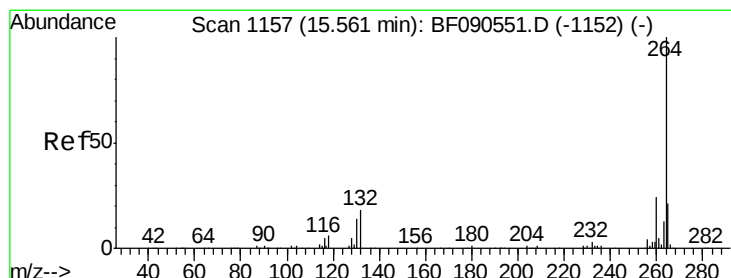
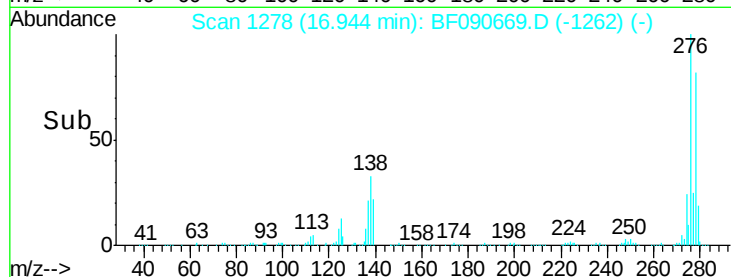
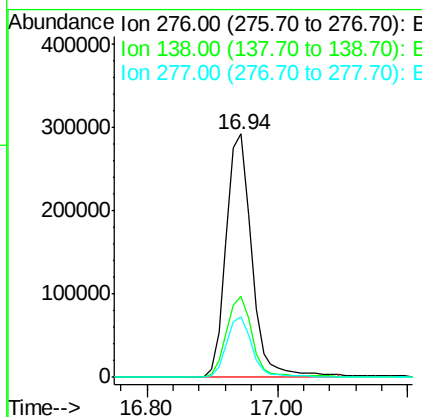
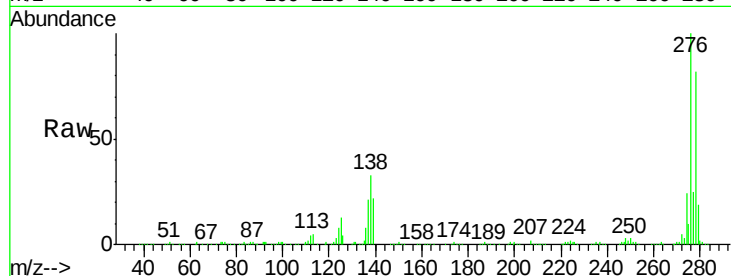
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.32 ng
 RT: 16.94 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.8	38.6
277	24.9	20.1	30.1

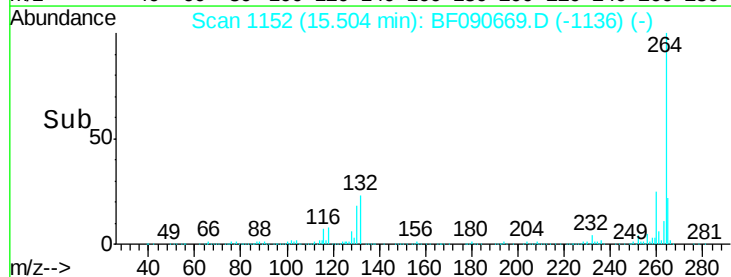
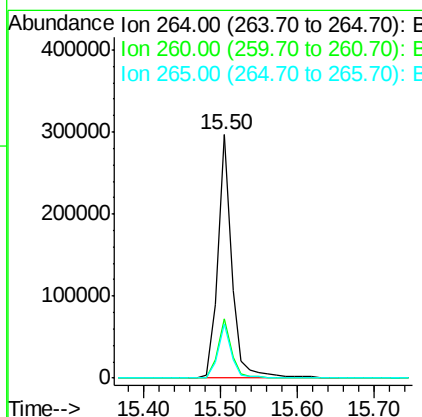
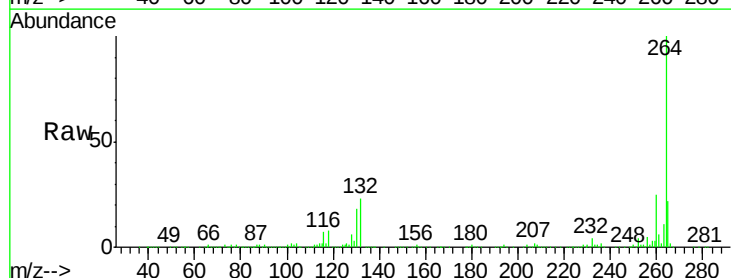
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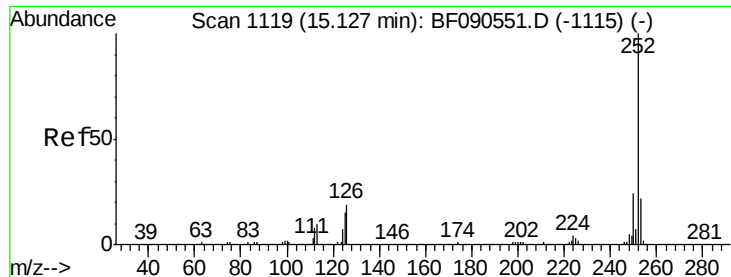
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.2	16.7	25.1





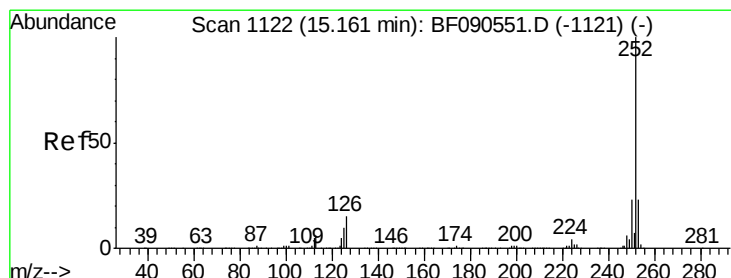
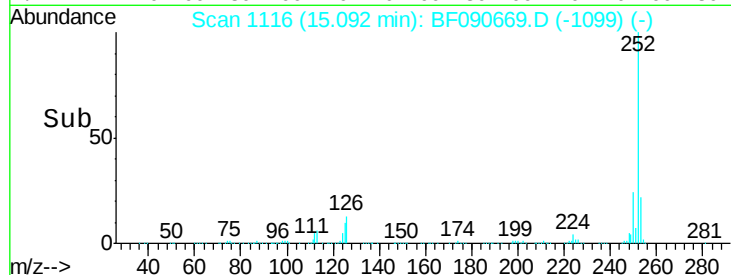
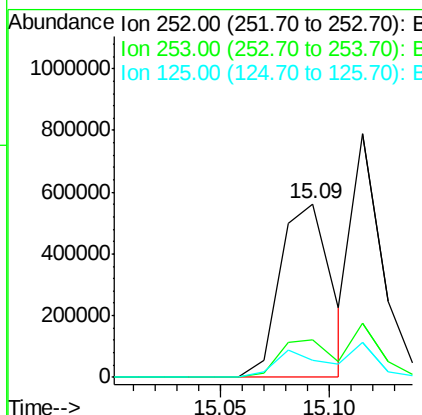
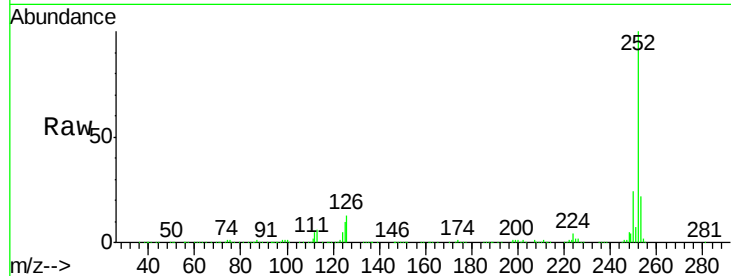
#87
Benzo(b)fluoranthene
Concen: 37.20 ng
RT: 15.09 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampled :
PB94156BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.8	12.0	18.0

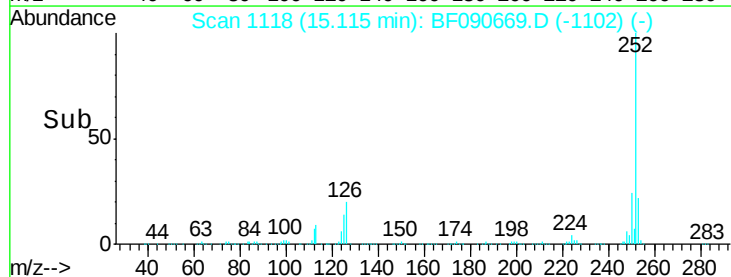
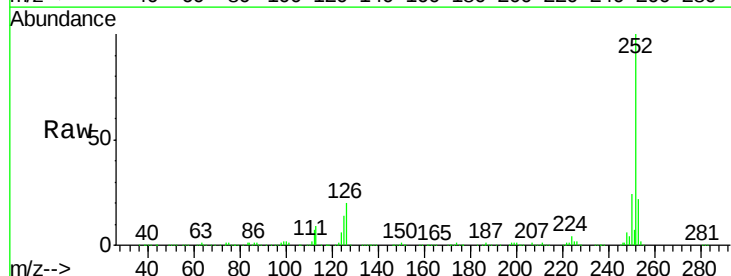
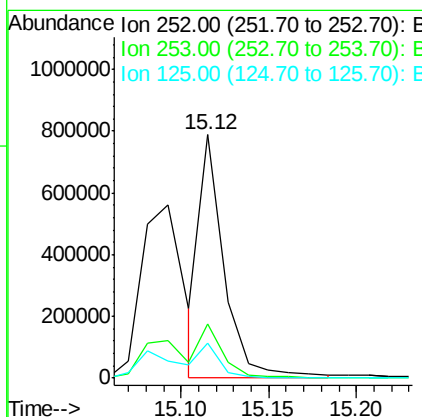
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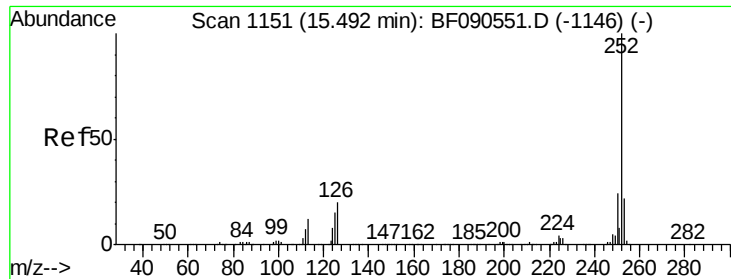
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#88
Benzo(k)fluoranthene
Concen: 29.51 ng m
RT: 15.12 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	14.1	10.0	15.0





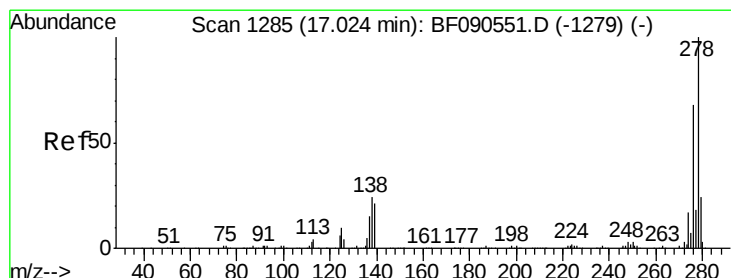
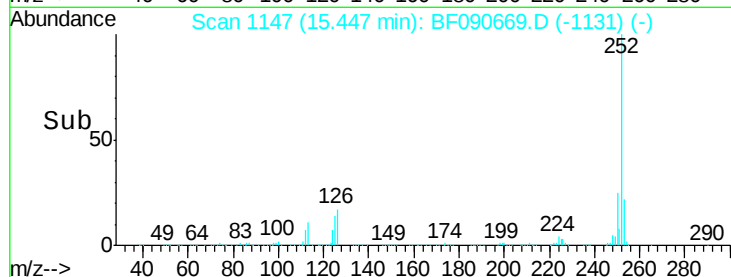
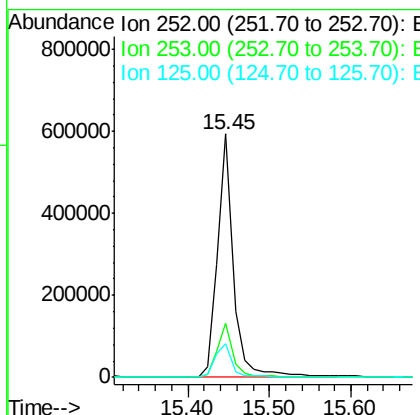
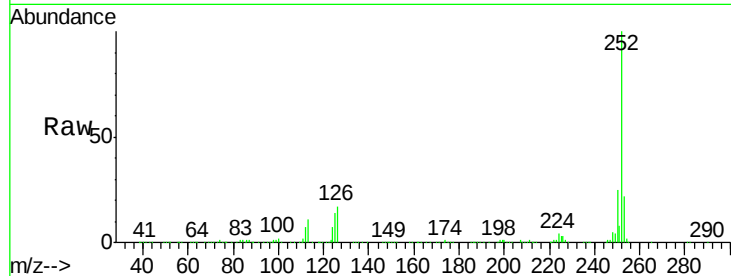
#89
Benzo(a)pyrene
Concen: 35.21 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.9	12.3	18.5

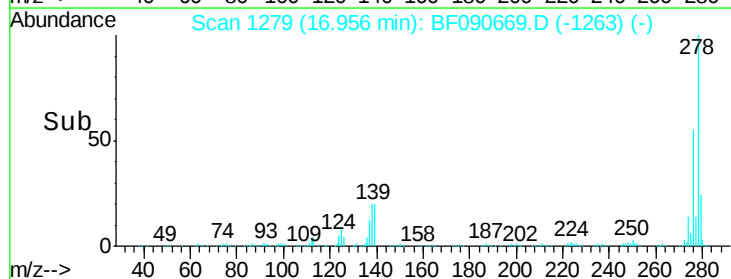
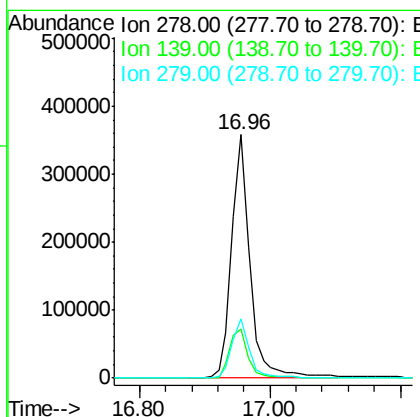
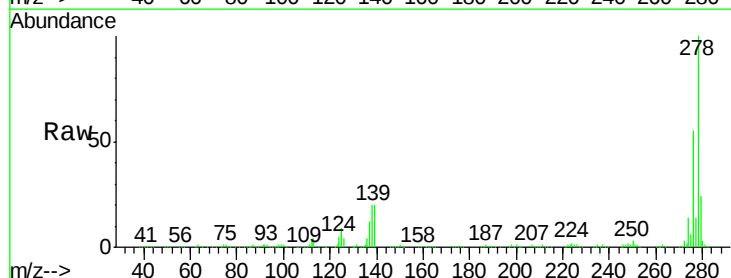
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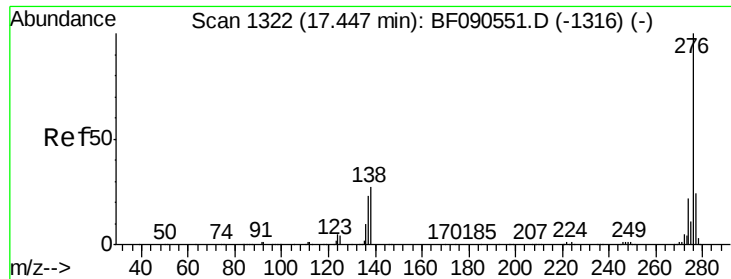
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#90
Dibenzo(a,h)anthracene
Concen: 40.49 ng
RT: 16.96 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090669.D
Acq: 20 Oct 2016 1:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	25.0
279	24.2	19.1	28.7





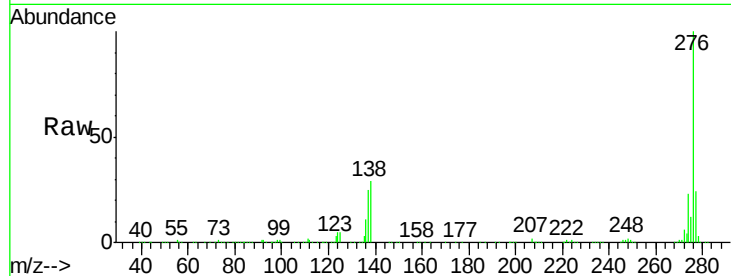
#91
 Benzo(a,h,i)perylene
 Concen: 37.20 ng
 RT: 17.37 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF090669.D
 Acq: 20 Oct 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion:	276	Resp:	613661
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.8	28.2
138	29.5	21.8	32.8

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

